

## ***Technical Brief***

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**Number 29**

# **Strategies for Improving the Lives of Women Aged 40 and Above Living With HIV/AIDS**

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# Strategies for Improving the Lives of Women Aged 40 and Above Living With HIV/AIDS



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## Preface

The Agency for Healthcare Research and Quality (AHRQ), through its Evidence-based Practice Centers (EPCs), sponsors the development of evidence reports and technology assessments to assist public- and private-sector organizations in their efforts to improve the quality of health care in the United States. The reports and assessments provide organizations with comprehensive, science-based information on common, costly medical conditions and new health care technologies and strategies. The EPCs systematically review the relevant scientific literature on topics assigned to them by AHRQ and conduct additional analyses when appropriate prior to developing their reports and assessments.

This EPC evidence report is a Technical Brief. A Technical Brief is a rapid report, typically on an emerging medical technology, strategy or intervention. It provides an overview of key issues related to the intervention—for example, current indications, relevant patient populations and subgroups of interest, outcomes measured, and contextual factors that may affect decisions regarding the intervention. Although Technical Briefs generally focus on interventions for which there are limited published data and too few completed protocol-driven studies to support definitive conclusions, the decision to request a Technical Brief is not solely based on the availability of clinical studies. The goals of the Technical Brief are to provide an early objective description of the state of the science, a potential framework for assessing the applications and implications of the intervention, a summary of ongoing research, and information on future research needs. In particular, through the Technical Brief, AHRQ hopes to gain insight on the appropriate conceptual framework and critical issues that will inform future research.

AHRQ expects that the EPC evidence reports and technology assessments will inform individual health plans, providers, and purchasers as well as the health care system as a whole by providing important information to help improve health care quality.

If you have comments on this Technical Brief, they may be sent by mail to the Task Order Officer named below at: Agency for Healthcare Research and Quality, 5600 Fishers Lane, Rockville, MD 20857, or by email to [epc@ahrq.hhs.gov](mailto:epc@ahrq.hhs.gov).

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## Key Informants

In designing the study questions, the EPC consulted several Key Informants who represent the end-users of research. The EPC sought the Key Informant input on the priority areas for research and synthesis. Key Informants are not involved in the analysis of the evidence or the writing of the report. Therefore, in the end, study questions, design, methodological approaches, and/or conclusions do not necessarily represent the views of individual Key Informants.

Key Informants must disclose any financial conflicts of interest greater than \$10,000 and any other relevant business or professional conflicts of interest. Because of their role as end-users, individuals with potential conflicts may be retained. The TOO and the EPC work to balance, manage, or mitigate any conflicts of interest.

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Prior to publication of the final evidence report, EPCs sought input from independent Peer Reviewers without financial conflicts of interest. However, the conclusions and synthesis of the scientific literature presented in this report do not necessarily represent the views of individual reviewers.

Peer Reviewers must disclose any financial conflicts of interest greater than \$10,000 and any other relevant business or professional conflicts of interest. Because of their unique clinical or content expertise, individuals with potential non-financial conflicts may be retained. The TOO and the EPC work to balance, manage, or mitigate any potential non-financial conflicts of interest identified.

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# Strategies for Improving the Lives of Women Aged 40 and Above Living With HIV/AIDS

## Structured Abstract

**Background.** While in its early years the HIV epidemic affected primarily the male and the young, nowadays the population living with HIV/AIDS comprises approximately 24 percent women, and its age composition has shifted towards older ages. Many women over 40 who live with HIV/AIDS also live with the medical and social conditions that accompany aging.

**Objectives.** This work aims to identify and characterize empirical studies of strategies for the comprehensive management of women over 40, including transgender women, who live with HIV/AIDS.

**Approach.** With input from a diverse panel of content experts and other stakeholders, we develop an evidence map to characterize empirical studies of strategies for improving the comprehensive care of older women who live with HIV/AIDS and apply to today's U.S. setting. We outline resources that are available to these women in a purposeful sample of six States (Rhode Island, Mississippi, Alabama, New York, California, Texas), and illustrate the importance of having integrated care using four vignettes.

**Findings.** We identified 890 citations that address three areas of interest and enrolled women who live with HIV/AIDS. Of these, only 37 (4 percent) reported results of interest for older women, or examined interactions between gender and older age that would allow predictions in this subgroup. Few of the 37 eligible studies focused on women facing challenges, such as immigrants, transgender, physically abused, or those recently released from prison. No studies focused on women caring for dependents, those diagnosed after age 40 or those who have adequate health insurance. In the sample of States, we found more HIV resources (testing, housing, medical and mental health, and social support) in the large cities than others; in some median and small cities no HIV resources were found.

**Interpretation.** The evidence base that is directly applicable to women over 40 who live with HIV/AIDS in the U.S. is limited. We make observations to inform the prioritization of future research.

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# Introduction

## Background

At the end of 2013, an estimated 933,941 people were living with human immunodeficiency virus (HIV) infection in the United States. While in its early years the epidemic affected primarily males and young people,<sup>1</sup> nowadays the population living with HIV/AIDS is approximately 24 percent women and its age composition has shifted.<sup>2</sup> The percentage of people living with HIV/AIDS aged 50 years and older grew from 24 percent in 2005 to 42 percent in 2013, and is projected to top 50 percent by 2020.<sup>2-4</sup> Thus, the management of this older population represents a relatively new challenge. The population of older people who live with HIV/AIDS is heterogeneous with respect to factors (such as gender) that are associated with length and quality of life.<sup>2</sup> The Centers for Disease Control and Prevention (CDC) HIV Surveillance Report does not report the number of older women living with HIV/AIDS.<sup>2</sup> Many entities, including the Office for Women's Health (OWH), consider these women a priority population.

This Technical Brief (TB) aims to identify and characterize the empirical studies of strategies for the comprehensive management of older women living with HIV/AIDS. For this report, we define "older" as over the age of 40, and include transgender women (people who were born male but identify as women). The OWH chose age 40 as an operational age cutoff to identify premenopausal women who are less likely to bear children, as well as peri- and postmenopausal women

*Age at HIV/AIDS\_infection, rather than age at diagnosis, may be important.* The population of women over 40 who live with HIV/AIDS comprises women who were diagnosed with the virus at young age and have survived into their middle and late years and women who were diagnosed with HIV at an older age, for this report, after age 40. According to the CDC, 8.6 percent of the 39,718 recently diagnosed people in 2014 were women aged 40 or older.<sup>2</sup> The natural history and prognosis of HIV/AIDS in those who were newly diagnosed at an older age appear to be distinct from those newly-infected at an older age.<sup>5</sup> Further, compared with people who were infected young, people contracting HIV at an older age are not diagnosed as promptly and tend to start treatment at a more advanced stage. Possible explanations include that older people who are sexually active may be less aware of their risk; may underestimate the likelihood that their partners can have HIV; may be more likely to engage in unprotected sex (because pregnancy is not an issue); and may be less likely to discuss sexual health with their doctors than younger people.<sup>6</sup> In addition, providers' own implicit biases, assumptions, or lack of comfort speaking about sexual health may prevent them from offering HIV testing as readily to older patients.

*Aging with HIV infection also presents special challenges for preventing and managing comorbid conditions.* Older women with HIV/AIDS may have an increased risk for cardiovascular disease, osteoporosis, and certain cancers than their uninfected counterparts.<sup>7-10</sup> HIV-positive antiretroviral-treated older women who achieve viral suppression are in a generalized status of immune activation and therefore may be at an increased risk of age-associated end-organ diseases compared with uninfected age-matched controls.<sup>11</sup> Polypharmacy is another common concern because of the many comorbidities are related to HIV or aging, including cardiovascular disease, hypertension, type 2 diabetes, obesity, chronic kidney disease, bone disease, hyperlipidemia, cancer, depression, and neurocognitive impairment. Interactions

between antiretrovirals and the numerous other medications taken for these chronic diseases can pose significant clinical problems.<sup>12, 13</sup>

*Women over 40 living with HIV/AIDS also face issues related to the interaction between reproductive hormones, HIV/AIDS, and antiretroviral treatments.* Some women may still have childbearing potential and will have unique contraceptive or fertility needs. There have been inconsistent reports regarding HIV and menopause. Some studies report menopause at an earlier age among women living with HIV/AIDS compared with uninfected women.<sup>14-20</sup> Some studies suggest that women with HIV have more vasomotor symptoms (e.g., hot flashes, night sweats) and mood issues during menopause.<sup>20</sup> However, many of these studies have a small sample size, involve only cohorts of women living with HIV/AIDS without a control, or do not account for confounding factors, such as history of drug use, current smoking, lower BMI, or race. Menopause may affect a woman's quality of life by altering her mood, causing sexual dysfunction, or accelerating the onset and progression of chronic diseases of aging, including cardiovascular disease, hypertension, diabetes, and reduced bone mineral density.<sup>21-26</sup> The pharmacological interactions between hormone therapy and antiretroviral treatments are not well understood. No published data have assessed the safety and efficacy of hormone therapy on symptoms of menopause, cardiovascular risk, and bone disease among women living with HIV/AIDS.<sup>20</sup>

*Older women with HIV face challenges related to mood and psychosocial wellbeing.* Compared with older women without HIV, older women with HIV infection are more likely to be depressed and lonely,<sup>27, 28</sup> and many women are further burdened with taking care of elderly parents or grandchildren.<sup>29</sup> Depression in clinic populations of people living with HIV/AIDS has been found to be two to three times higher than in general community populations, and as much as four times higher among women living with HIV/AIDS than in HIV-seronegative women.<sup>30, 31</sup> The stigma associated with HIV infection is a particular concern among older women living with HIV, who may already feel isolated because they have lost partners and friends;<sup>32</sup> Stigmatization can contribute to depression and worry, negatively affecting quality of life, and may prevent women from disclosing their HIV status or from seeking HIV care.<sup>33</sup>

*African American/Black and Latina/Hispanic women are disproportionately affected by HIV, compared with women of other race/ethnicities.* An estimated 61 percent of women who were living with HIV/AIDS in 2014 were African American, 17 percent were Latinas, and 17 percent were White, although further breakdown by age and race/ethnicity is not readily available in the published CDC Surveillance Report.<sup>2</sup> Race is often a marker of socioeconomic and demographic factors related to health inequities, including low educational attainment, low income or poverty, low health literacy, lower proportion with insurance, higher rates of comorbidity, and higher rates of drug abuse, all of which may have a bearing on the comprehensive management of women living with HIV/AIDS.

*HIV rates vary widely by geographic location.*<sup>2</sup> In addition, there are indications that, among women older than 24 years, HIV rates are highest living in areas where more than 21 percent of residents were below the Federal poverty level.<sup>34</sup> In some cases, women living with HIV/AIDS may have to stop working or reduce their income either because of the illness or in order to qualify for medical care, treatment, and associated services.<sup>35</sup>

*Special consideration should be given to women who identify as lesbian, bisexual or transgender (assigned male sex at birth but identify as women).* For women who identify as lesbian, HIV infection may be diagnosed belatedly. Although HIV transmission risk is generally considered to be low in unprotected lesbian sex, a woman may have contracted the virus from a

past heterosexual experience or through other routes, such as injection drug use.<sup>36-39</sup> Transgender women are also vulnerable for medical and social reasons. They are often subjected to violence and face depression and stigma.<sup>40</sup> They may get hormonal therapy to change their appearance, which can impact their risk for cardiovascular disease, osteoporosis, and perhaps cancers.<sup>41-45</sup> Finally, transgender women still face health issues associated with their biological sex, such as prostate cancer,<sup>41-43</sup> and this should be factored into their medical care.

Ideally, the care of older women living with HIV/AIDS should support patient-centered approaches to managing HIV and comorbidities; incorporate patient goals, including quality of life issues; and integrate biomedical, behavioral, and social interventions.<sup>13</sup> However, the current system of care in the United States does not support a comprehensive model that can provide a tailored approach for older women living with HIV/AIDS. For example, women have to move between a primary care provider, a gynecologist, and several specialists for their medical needs. Many health care providers have not been trained to deal with an older population with HIV, and relatively few centers provide comprehensive psychosocial and case-management services for older women living with HIV/AIDS. Even current guidelines for HIV testing, HIV treatment, and the management of conditions that accompany aging do not explicitly address the older patient with several comorbidities.<sup>46-50</sup>

# Objectives

The OWH commissioned this Technical Brief through AHRQ's Evidence-based Practice Center Program to provide background for an upcoming OWH meeting. At this meeting, local and national HIV policy experts will help OWH prioritize future research based on the gaps in the evidence identified in this paper. The OWH specified age 40 as an operational age cutoff to identify premenopausal women who are less likely to bear children, as well as peri- and postmenopausal women. The OWH posed a broad set of guiding questions to communicate their priorities. We organized these guiding questions into three conceptual areas:

In **Area 1 (resources)** we included questions about **strategies and barriers for engaging with resources that aim to enhance the wellbeing of older women who live with HIV/AIDS**. Example guiding questions include:

- What is the impact of health care services, programs, and policies focused on these women (in medical settings, in community settings, and in common sub-populations, such as women who have experienced trauma, incarceration, violence, poverty, or substance abuse)?
- What services and programs are most likely to keep these women in health care (either medical or community based care)?
- What resource-level factors affect initial or continued engagement with a program?
- What barriers do these women face in their initial or continued engagement with a program?
- What are the individual-level characteristics of those who stay in the continuum of care (sociodemographic or cultural, psychosocial, experience with incarceration, or clinical, personal, and family medical and mental history)?
- Where are the gaps in knowledge about effective programs for these women?

In **Area 2 (insurance)** we grouped questions about **measuring the impact of insurance on the wellbeing of older women who live with HIV/AIDS**. Example questions include:

- What is the effect of insurance coverage for older women who live with HIV/AIDS on the outcomes in Areas 1 and 3?
- Do the Affordable Care Act requirements for HIV/AIDS care impact the care these women receive?

In **Area 3 (comorbidities)** we grouped questions about **the diagnosis or management of comorbidities, or the role of comorbidities in predicting all-cause mortality or HIV-related disease progression**. Example questions include:

- What factors impact mortality, quality of life, health, and psychosocial outcomes in older women who live with HIV/AIDS?
- What tools are readily available or routinely used to screen, diagnose, monitor or otherwise manage such women who also have co-occurring conditions?
- Are any such tools reliable in the entire spectrum of severity represented in older women who live with HIV/AIDS?

With input from a diverse panel of content experts and other stakeholders (Key Informants), we develop an evidence map to characterize the existing empirical studies of strategies for improving the comprehensive care of older women who live with HIV/AIDS that apply to today's U.S. setting. We outline resources available to these women in a purposeful sample of six states, and illustrate the importance of having integrated care through four vignettes.

## Methods

Part one of the Technical Brief comprises an evidence map of the published literature on questions pertinent to women over 40 who live with HIV/AIDS. Part two provides a high-level overview of the amount and type of resources that appear to be available to these women in a purposeful sample of six U.S. states. Part three presents four clinical vignettes.

### Key Informants

We formed a panel of eight Key Informants comprising experts in the care of HIV patients, and especially of older women, nationally recognized researchers, policy makers, state government (department of health) officials, and nationally recognized advocates for women who live with HIV/AIDS. We solicited the panel's input in two teleconferences and over email until we deemed that we had sufficiently discussed all of the relevant themes. The interactions with the Key Informant Panel were facilitated by the EPC and included the following questions:

(1) What are the salient differences between women over 40 compared with younger women living with HIV/AIDS?

(2) Which subgroups face more challenges/barriers? What are the major barriers to engaging with care or other resources?

(3) What are commonly accepted ways to organize medical, behavioral or social intervention-based strategies for improving the wellbeing of women who live with HIV/AIDS?

(4) How does a woman, her physician, or her case manager go about identifying what resources are available to her?

Based on feedback from Key Informant discussions we refined study eligibility criteria and data extraction items for the evidence map. The discussions with the key informants are discussed further in the Summary and Implications section of this report.

In addition, Key Informants conjectured that very few publications would be eligible in the three areas of interest and that some observations that were important to them were unlikely to be gleaned from an evidence map of the published literature. These include the central role of case-managers in helping people navigate a "highly fragmented" system, the risk of underdiagnosis of HIV infection in older women who are sexually active, the issues faced by women who care for dependents, and the issues faced by women who are medically well but emotionally or economically burdened or socially stigmatized. As described in the Vignettes section, we collaborated with a social worker from the Brown University-affiliated Miriam Hospital to identify and present four vignettes that capture the aforementioned themes. We use these real but anecdotal cases to paint a more vivid picture about the importance of these themes.

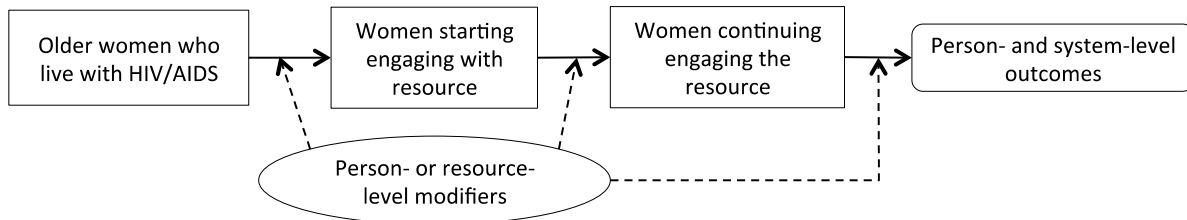
### Evidence Map

We created a compendium of empirical studies that apply to women over 40 who live with HIV/AIDS and inform the three areas of interest described in the guiding questions. The first area includes studies that measure the impact of strategies for engaging with existing resources, including medical, social, or other services that aim to improve the lives of women who live with HIV/AIDS on a range of outcomes, or programs that bundle several such services. We also include studies describing barriers to access of such resources. The second area includes studies that measure the impact of various levels of insurance coverage on outcomes. The third area pertains to studies that assess the performance of diagnostics for co-occurring disease, or assess the effects of treating co-occurring diseases (such as depression or heart disease) or risk factors

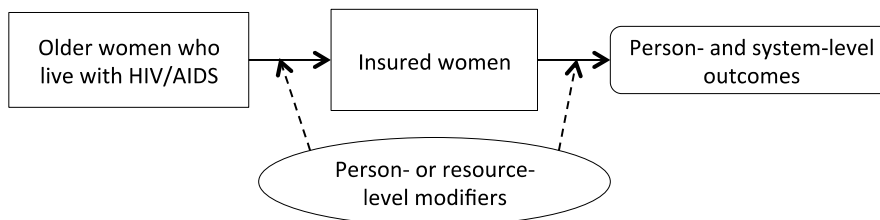
(such as high blood pressure or low bone mineral density) on person-level outcomes. Figure 1 summarizes the three areas of interest.

**Figure 1. Analytic framework**

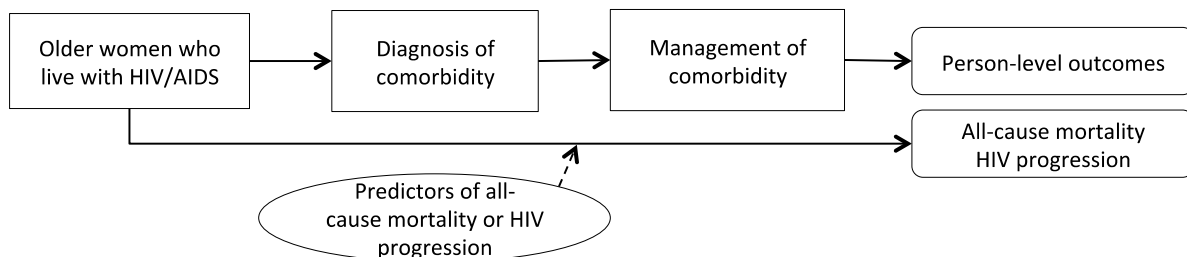
*Interest area 1: Measuring impact of resources*



*Interest area 2: Measuring impact of insurance*



*Interest area 3: Assessing the diagnosis and management of comorbidity; and predictors of mortality/HIV progression*



For the first interest area (measuring the impact of strategies for engaging with resources), women over 40 who live with HIV/AIDS may engage with resources transiently or in a continued fashion, and this engagement affects person- and system-level outcomes. Personal or resource-level barriers or modifiers can affect the likelihood of engaging or continue engaging with a resource. The second interest area includes studies that measure the overall impact of insurance on person- and system-level outcomes, irrespective of whether it is mediated by women's use of specific resources. Effect modifiers can affect the likelihood that insurance impacts on outcomes. The third interest area includes studies that assess the performance of tests for diagnosing co-occurring diseases, treatments for managing such diseases on person-level outcomes, and predictive models of all-cause mortality or HIV infection progression.

## Eligibility Criteria

Eligible studies pertained to women aged 40 years and older who live with HIV. Studies with broader enrollment, e.g., enrolling both sexes or all ages were excluded, unless they reported results for strata where at least 75 percent of the participants were women over 40 years or modeled interactions between gender and an older-age cutoff.

All patient-level and system-level outcomes were eligible. Examples of person-level outcomes included clinical outcomes, such as mortality and morbidity, mental health, function, quality of life as measured by each study, and out-of-pocket costs. Examples of system-level

outcomes included total costs or changes in the proportion or number of women undergoing a public health intervention, such as screening or engaging with an eligible resource.

Eligible resources were services providing medical, behavioral, or social support, or programs that bundle several such services. This definition encompasses all hospital-, clinic-, or community-based strategies that promote women’s wellbeing. The following are indicative examples: A case-management intervention that assists women to apply for Ryan White programs or housing subsidies is an example of a social support service. A clinic providing routine HIV, general medical, or mental health care represents a service providing medical support. A program for helping women facing addiction problems may provide medical, behavioral, and social support services.

In Area 1 (resources), we included randomized trials, nonrandomized comparisons of cohorts, or before-after studies that measured the relationship between using an eligible resource and person- or system-level outcome. We also included studies that examined modifiers of the relationship between using an eligible resource and eligible outcomes.<sup>a</sup> We also included cohorts, surveys, or qualitative research studies describing barriers faced by women when engaging with eligible resources.

In Area 2 (insurance), we included randomized trials, nonrandomized comparisons of cohorts, and before-after studies measuring the association between various levels of insurance coverage (including none) and person- or system-level outcomes.

In the Area 3 (comorbidities), we included (1) cross-sectional, case-control or cohort studies of the sensitivity and specificity of tests, including imaging tests, laboratory measurements, and clinical scores, for diagnosing the presence of co-occurring diseases, including but not limited to infections (such as hepatitis C, tuberculosis, and opportunistic infections, cancers, or dementia); (2) randomized and nonrandomized comparative studies of the management of co-occurring diseases<sup>b</sup> or established risk factors for major diseases<sup>c</sup>; or (3) predictive models of all-cause mortality or of HIV infection progression.

We excluded studies that analyzed fewer than 10 women who are older than 40 and live with HIV/AIDS, because they were unlikely to yield precise or broadly applicable conclusions. For feasibility, we excluded studies completed longer than 10 years ago, because older empirical data are less likely to be relevant to today’s setting. Because the main focus of the Technical Brief is to inform about the U.S. setting, we did not include studies conducted exclusively in other countries. We excluded studies not reporting empirical data, such as theory expositions, modeling studies of the effects of policies, and opinion pieces.

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<sup>a</sup> As established in the Key Informant discussions, person-level modifiers include sociodemographic factors (e.g., race/ethnicity, income, marital status, insurance coverage, highest educational attainment), cultural factors (e.g., immigrant status), psychosocial factors (e.g., social or family support), experience with incarceration, or clinical, personal and family medical and mental history factors (e.g., cancer, heart disease, addition problems, mental health diagnosis). Examples of resource-level modifiers are case management, or using a multidisciplinary team.

<sup>b</sup> Such as cancer, infections (including hepatitis C, human papilloma virus [HPV], tuberculosis, osteomyelitis, AIDS defining infections such as *Pneumocystis carinii* pneumonia [PCP], etc.), neurocognitive impairment (including HIV-associated dementia), cardiovascular disease, mental health (depression, PTSD, bipolar, schizophrenia), addiction and substance abuse (heroin, cocaine, prescription drugs, alcohol, smoking, “party” drugs such as MDMA [Ecstasy], flunitrazepam [Rohypnol], ketamine), musculoskeletal disease (e.g. osteoporosis, rheumatoid arthritis) and other age-associated end-organ diseases not mentioned here (by reviewer consensus).

<sup>c</sup> Such as hypertension, hyperlipidemia, diabetes, obesity, osteoporosis, and low bone mineral density measurements.



## Literature Identification and Tracking

A medical librarian designed and implemented searches in PubMed, PsycINFO, CINAHL, and SocINDEX for terms related to HIV or AIDS, crossed with general terms on interventions, policies, services, or programs. We limited the search to English language reports published after 01/01/2005 and having at least one author with a U.S. affiliation. The search was last run on February 10, 2016 and is reported in full in Appendix A.

Four reviewers screened the same 400 abstracts to pilot citation screening criteria and ensure their uniform understanding and application. We iteratively assessed discrepancies as a group until all screeners were uniform in their assessments. After this pilot phase, citations were single-screened by a human reviewer, and double-checked against the predictions of the machine learning algorithms implemented in *Abstrackr*, a system for semi-automating citation screening tasks developed by Brown University's Center for Evidence-based Medicine.<sup>51</sup> All potentially eligible citations were retrieved and screened in full text for eligibility. We did not record reasons for exclusion at the abstract level.

Full text articles were evaluated for eligibility by a single reviewer, after a training period to ensure consistency between reviewers. For all papers reviewed in full-text we recorded reasons for exclusion. For papers on studies that likely fulfill all criteria but are excluded only because they do not report subgroup-specific information or pertinent interaction analyses, we recorded to which area of interest the paper would be included had it reported the required information. This provides an indication of the volume of information that is potentially available for secondary data analyses.

## Data Abstraction and Data Analyses

From each eligible article we extracted bibliographic information (first author, journal, year of publication), study name (as applicable), location where the study was run, enrollment years, sample size of women who live with HIV/AIDS (largest analysis per study for women of all ages and over 40 years), study design (randomized trial, nonrandomized comparative, observational), and for comparative studies, the compared interventions.

Studies rarely reported detailed information on women who are older than 40 years and live with HIV; thus, we recorded the following information for all women enrolled in each study: mean age and age range or proportion of women older than an eligible age cutoff; menopausal status (percent pre-, peri- or post-menopause); percent having been diagnosed with HIV in older age (at 40 years or older); race ethnicity (percent White, Black/African American, Asian, Latino/Hispanic, Native American, Pacific Islander, other); insurance coverage status (percent with no insurance, private insurance, Medicare, Medicaid or other public); percent having dependent care, having a supporting partner or other social support (as defined by study), experiencing violence at home, being undocumented immigrants, using drugs (when results were reported per substance, the highest percentage reported), having experienced incarceration, having a history of mental health challenges; percent of transgender women, lesbian women, women in monogamous relationships; median income, percent below the Federal poverty level; percent who completed high school; and percent unemployed.

For studies in the first area of interest (measuring impact of strategies for engaging with resources or barriers to engaging with resources), we recorded the name of the program (if applicable), its objectives (as described by the authors), and whether it included medical services (general or specialist care, including mental health and substance abuse); psychosocial

(assistance with applications for housing, financial support, AIDS Drug Assistance Program enrollment, support groups, peer-based programs, etc.); case management; general or HIV specific health education; and services aimed at reducing HIV or other sexually transmitted disease (STD) transmission; along with the primary outcome by which the impact of the resource was measured (the first-mentioned outcome in the results, if there were several). For studies of barriers, we recorded what these barriers hindered (e.g., screening for cancer, engaging in care), along with categories of person-level (sociodemographic, cultural, psychosocial including insurance status, experience with incarceration, medical history, mental health) and system-level modifiers that were examined in each study.

For studies in the second area of interest on the overall effect of insurance, we recorded the reported levels of insurance coverage and the outcomes by which the impact of insurance coverage was measured.

For the third area of interest, we extracted whether the study was about the diagnosis or management of a co-occurring condition or risk factor and the type of condition or risk factor (mental health, cardiovascular disease, etc.). We also recorded whether the paper described a predictive model of all-cause mortality or HIV infection--sociodemographic, psychosocial (including insurance status), cultural, experience with incarceration, medical, mental health progression, and, if yes, the category of predictive factors it examined.

All data were extracted in a predefined electronic form by a single investigator. Extracted data are in Appendix D. We used descriptive statistics to summarize findings. Due to the nature of the project, we did not make strength of evidence assessments for individual studies or for the whole evidence-base.

## **Illustration of Salient Issues**

### **Vignettes from the Immunology Clinic at Miriam Hospital, RI**

One of the key uses of evidence maps is to identify research gaps. We present four anecdotes (vignettes) that illustrate different issues in the care of women who live with HIV/AIDS. We collaborated with a social worker who coordinates the comprehensive management of people who live with HIV in a well-integrated and nationally recognized center at the Immunology Clinic at the Miriam Hospital in Rhode Island. This clinic was chosen because our team's clinical expert works there and gave us detailed information. The vignettes touch on the following themes: the role of case-managers in coordinating people's care and helping people navigate a "highly fragmented" system; the risk of underdiagnosis of HIV infection and concomitant late-initiation of treatments in older women who are sexually active; the range of issues faced by older transgender women, women who live with HIV/AIDS while caring for dependents, and women who are medically well but emotionally burdened or socially stigmatized.

All vignettes are factual, but all identifying information has been redacted and pseudonyms are used. There are no risks to the respective patients. The four anecdotes are provided for illustration. They do not touch on all important issues faced by women who live with HIV/AIDS. We do not imply that the described management of patients in the vignettes was optimal, and we do not use the vignettes as evidence to support specific conclusions. In addition, the experiences of a single social worker may not be representative of experiences of other staff members in the

same facility or experiences of staff members at other facilities, and extrapolations to other settings should be avoided.

## **Outlining Available Resources in a Purposeful Sample of Six States**

Because the published literature is unlikely to provide descriptions of resources that are in place in the U.S., we conducted a Web site survey of the amount and type of resources that appear to be available to older women who live with HIV/AIDS in a purposeful sample of six states, namely Rhode Island, New York, Texas, California, Mississippi, and Alabama. These states are diverse in terms of geographical location, HIV prevalence overall and among women,<sup>52</sup> political culture, health systems, per capita income, availability of public transportation, and proportion of women with HIV who are foreign born or belong to a racial minority. For example, New York, Texas, and California are among the regions with the highest number of women living with HIV/AIDS infection in the Nation.<sup>53</sup> Alabama and Mississippi have disproportionately large number of African American women who live with HIV/AIDS. This sample is purposeful: it is not meant to be a “representative sample” of the 50 states,<sup>a</sup> but rather aims to illustrate variability.

We performed systematic Web searches, emulating a Web-savvy, persistent patient or provider who is not familiar with the resources available in these states, and who wishes to find information about them. This approach was chosen because it may inform, at a high level, on the density of different type of resources in these states. It corresponds to an “upper bound,” Of what might be available to an educated patient or, more likely a case-worker, who needs to find out what resources are available in an unfamiliar area. Clearly, some older women living with HIV/AIDS are unlikely to have this sort of access to or familiarity with the Internet, but the patient navigators and social workers who work with them should.

We summarize our findings to provide an indication of how easily one can identify local resources. To capture variability between urban and rural settings we summarize the number of AIDS.gov-registered facilities providing HIV testing, housing assistance, health services, Ryan White-funded HIV Care entities, mental health, substance abuse and family planning services in three cities in each state. We selected the largest, smallest, and median city in terms of population size in the most recent census on states’ governmental Web sites. We obtained information by searching AIDS.gov’s program locator (<https://locator.aids.gov/>), for a 20 mile radius around from each city center. We also conducted general web searches and searches of Web sites of departments of health in the six states.

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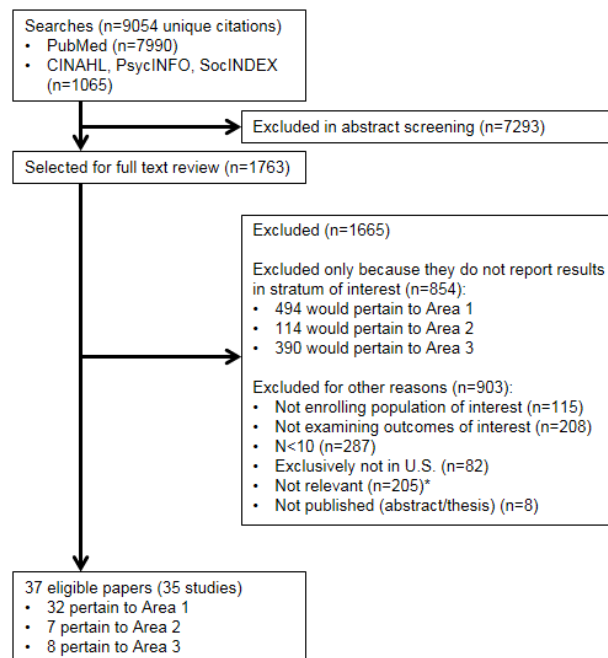
<sup>a</sup> There is no “representative sample” of the 50 U.S. states in the context of the current research project.

# Findings

## Evidence Map

We screened 9054 unique abstracts for eligibility, of which 1763 were selected for full text review. In the end, 32, 7, and 8 papers were eligible for the three areas of interest, respectively (Figure 2). Of the citations that were excluded in full text review, 854 were excluded because they did not provide information on strata of women who live with HIV/AIDS and are at least 40 years old or did not analyze interactions between gender and older age. These studies typically enrolled a broader population, but opted to not provide results or analyses for the population of interest, and would be otherwise eligible. Thus, in principle, an additional 494 papers would have been eligible for interest area 1 (284 on measuring the impact of a resource and 271 characterizing barriers to accessing resources); another 114 for area 2, on the overall impact of insurance; and another 390 for area 3, including 280 papers on the diagnosis or management of comorbidities and 211 on models predicting all-cause mortality or disease progression based on treatments received and other factors. Details of these studies are listed in Appendix B. A list of studies excluded for other reasons is in Appendix C.

Figure 2. Literature flow



\* "Not relevant": These studies were excluded on the grounds of more than one reason (e.g., did not describe eligible outcomes of eligible programs in an eligible population).

## **Area 1: Studies Measuring the Impact of Strategies for Engaging Resources or Describing Barriers to Accessing Resources**

Thirty-two papers were eligible in Area 1; 16 were studies that quantified the impact of strategies for engaging resources and 18 were about barriers to accessing resources (one paper was about both).<sup>54-85</sup> Table 1 summarizes the characteristics of the women enrolled in these studies. Most studies were conducted in urban centers, such as New York, San Francisco, Atlanta, Boston, and Philadelphia, though a few focused on rural populations or examined differences between rural and urban populations. While all included studies were published after 2005, they analyzed populations enrolled as early as the mid-1990s. Studies included an average of 70 women (nine included more than 200 women).

Results in Table 1 pertain to women of all ages, not only to those older than 40 years. Mean ages ranged between 36 and 57 years, and no study provided results in the elderly. No study reported the women's menopausal status or the age at which they were diagnosed with HIV.

Among the 28 studies that reported information on the race/ethnicity of participants, the median proportion of African American, Latino/Hispanic, and White women was 78, 15, and 14 percent, respectively. Three studies enrolled a small proportion of Native American women, and one included Pacific Islander women. No study reported enrolling Asian women.

In studies reporting such information, on average 20 percent of women reported having a spouse or partner, 58 percent perceived having adequate social support, and 31 percent cared for a dependent, but such information was provided in less than a third of the included studies. Among studies listing such information, the average proportion of women who had annual income less than approximately \$10,000, were unemployed, had not finished high school, used illegal substances, or faced mental health challenges ranged between 31 and 75 percent. Only one or two studies reported on the proportion of women who were undocumented immigrants (1 study), experienced violence (2 studies), or had a history of incarceration (1 study).

The median reported in these papers was that 73 percent of women had some form of public insurance (Medicare or Medicaid), 15 percent had private insurance, and 27 percent had no insurance, but this information was reported in only five to seven studies.

Finally, the vast majority of studies did not explicitly report information on sex of women's sexual partners or gender self-identification. For example, no study reported the proportion of women who have more than one concurrent sexual partner, four studies included women who were identified in the study as lesbian or bisexual (ranging from 6.6% to 33% of the study population), and one study enrolled only transgender women.

**Table 1. Characteristics of women in papers measuring the impact of strategies for engaging resources, or assessing barriers to engaging resources (Area 1)**

Characteristic	Papers reporting information (% out of 32)	Median (25th, 75th)	Range
Publication year	32 (100)	2013 (2010, 2014)	2006 to 2016
Number of included women (all ages)	32 (100)	70 (30, 157)	15 to 1701
Enrollment start year	24 (75)	2006 (2002, 2010)	1994 to 2014
Enrollment duration, years	24 (75)	2 (1, 4)	1 to 6
<i>Information on age</i>			
Women, proportion >40 years*	10 (31)	79 (76, 100)	48 to 100
Mean age, years	24 (75)	45 (43, 47)	36 to 57
At or after menopause, %	0 (0)	NA	NA
Diagnosed with HIV at older age, %	0 (0)	NA	NA
<i>Race/ethnicity</i>			
White, %	15 (47)	14 (8, 30)	1 to 50
Black/African American, %	28 (88)	78 (59, 86)	16 to 100
Latino/Hispanic, %	18 (56)	15 (10, 28)	2 to 55
Asian, %	0 (0)	NA	NA
Native American, %	3 (9)	7 (4, 9)	4 to 9
Pacific Islander, %	1 (3)	7 (7, 7)	7 to 7
Other, %	12 (38)	6 (3, 15)	1 to 100
<i>Other sociodemographic factors</i>			
With a social support circle, %	7 (22)	58 (47, 62)	11 to 85
Married/with partner, %	12 (38)	20 (16, 30)	12 to 73
Caring for a dependent, %	7 (22)	31 (24, 55)	16 to 100
With annual income <\$10,000, %	15 (47)	64 (50, 76)	33 to 94
Undocumented immigrants, %	1 (3)	48 (48, 48)	48 to 48
Unemployed, %	13 (41)	75 (68, 80)	33 to 100
Have not finished high school, %	22 (69)	39 (32, 50)	7 to 80
With history of incarceration, %	1 (3)	100 (100, 100)	100 to 100
Experiencing violence, %**	2 (6)	17 (5, 29)	5 to 29
Using illegal substances, %	8 (25)	46 (27, 100)	14 to 100
With mental health diagnoses, %	7 (22)	55 (38, 76)	4 to 78
<i>Insurance status</i>			
Without insurance, %	5 (16)	27 (9, 35)	8 to 39
With public insurance, %	7 (22)	73 (61, 100)	60 to 100
With private insurance, %	5 (16)	15 (5, 15)	4 to 18
<i>Gender identity and sexual orientation</i>			
Transgender women, %	2 (6)	50 (0, 100)	0 to 100
Lesbian or bisexual women, %	5 (16)	11 (7, 17)	0 to 33
Without sexual concurrency, %	0 (0)	NA	NA

\* Or older than another eligible age-cutoff; \*\*defined in both studies as “domestic violence” either current or in the past.

## Studies Measuring the Impact of Strategies for Engaging Resources

Sixteen papers on 13 unique studies measured the impact of engaging with various services or with programs bundling several services (**Table 2**).<sup>54, 70-82, 84</sup> Eight RCTs (described in 10

papers<sup>70-76, 79, 80, 84</sup>) randomized between 30 and 184 participants to receive either a specific program or an alternative (placebo or different program). The programs included a health promotion intervention aimed at reducing cardiovascular disease risk, a motivational intervention for quitting smoking, three interventions aimed at reducing alcohol consumption and/or risky sexual behavior, a writing intervention to address perceived HIV stigma, and Structural Ecosystems Therapy to promote healthy relationships within and outside the family and address relapse prevention and medication adherence. Of these eight programs, two had a medical component, seven had a psychosocial component, none had case management, six had an educational component, and four had an STD prevention component (Table 2).

The outcomes measured include, but are not limited to, adherence to health care or medication, undergoing cancer screening, smoking cessation, experiencing psychological distress or HIV-related stigma, substance abuse, sexual behavior, and disclosure of HIV status to potential sexual partners.

An additional six studies assessed the impact of engaging with programs in a qualitative fashion. Three were based on interviews of 15 to 21 participants<sup>54, 77, 78</sup>, a fourth examined a cohort of 364 participants in a stress-management intervention,<sup>85</sup> and two examined programs aimed at reducing substance use in 46 and 76 participants, respectively.<sup>81, 82</sup> These programs included a joint venture with pharmacies to promote ART adherence, a peer-support program to provide social support; a program to link HIV positive women to care; a social-support program for substance abuse; a multifaceted program that integrated patient navigation, mental health counseling, and support groups; and the largest study evaluated a program designed to enhance quality of life, thereby reducing depression and increasing medication adherence. Of these six programs, two had a medical component, four had a psychosocial component, three had case management, four had an educational component, and one had an STD prevention component (Table 2).

**Table 2. Characteristics of studies of strategies to promote women’s engagement with resources**

Author (year)	Study location	Women (% who are >40y)	Mean age	Intervention or comparison	Intervention objective	Medical Component	Psychosocial Component	Case management Component	Health education Component	STD prevention Component	Outcomes measured
<i>Randomized controlled trials</i>											
Abel (2006) <sup>84</sup>	Texas	44	44	Writing intervention	Reducing perceived HIV stigma	No	Yes	No	No	No	Perceived HIV stigma
Chander (2015) <sup>79</sup>	Baltimore, MD	148 (NS)	44	Brief alcohol intervention	Reducing drinking; reducing risky sexual behavior	No	Yes	No	Yes	Yes	Alcohol consumption, sexual behavior, HIV outcomes
Echenique (2013) <sup>80</sup>	Miami	106 (100)	NS	Project ROADMAP, Reeducating Older Adults in Maintaining AIDS Prevention	Reducing risky sexual behavior	No	Yes	No	Yes	Yes	Sexual risk behavior/HIV knowledge
Feaster (2010) <sup>71*</sup>	Florida	156 (NS)	36	Structural Ecosystems Therapy vs usual care	Promote healthy family and social relationships	No	Yes	No	Yes	No	Self-reported medication adherence
Feaster (2010) <sup>72*</sup>	Florida	126 (NS)	43	Structural Ecosystems Therapy vs usual care	Address relapse prevention and medication adherence	No	Yes	No	Yes	No	Self-reported substance abuse, medication adherence
Mitrani (2012) <sup>74*</sup>	Florida	126 (NS)	43	Structural Ecosystems Therapy vs usual care	Address relapse prevention and medication adherence	No	Yes	No	Yes	No	Psychological Distress and Drug Abstinence (Brief Symptom Inventory, self-reported illicit drug use)
Teti (2010) <sup>70</sup>	Philadelphia (PA)	184 (NS)	40	Protect and Respect vs educational information	Decrease risky sexual practices	No	Yes	No	Yes	Yes	Self-reported disclosure of HIV status to partners; condom use
El-Bassel (2011) <sup>73</sup>	Atlanta (GA), LA (CA), NYC (NY), Philadelphia (PA)	158 (NS)	NS	Risk reduction intervention vs health promotion intervention	Influence behaviors linked to chronic disease, including diet and exercise	Yes	No	No	Yes	Yes	Mammography screening
DeMarco (2013) <sup>76</sup>	Boston (MA)	110 (100)	NS	Sistah Powah Structured Writing Intervention vs attention control	Increased use of cognitive behavioral self-help programs, regular medical and HIV care, psychosocial support	No	Yes	No	No	No	Adherence to health care: keeping appointments, risky sexual behavior, testing for comorbidities, needle care, lifestyle factors
Manuel (2013) <sup>75</sup>	San Francisco (CA)	30 (NS)	49	Motivational Interviewing vs prescribed advice	Smoking cessation	Yes	Yes	No	Yes	No	Smoking intensity and cessation
<i>Observational studies</i>											
Cocohoba (2013) <sup>54</sup>	San Francisco (CA)	17 (NS)	NS	Pharmacy intervention	Promote ART adherence	Yes	No	Yes	Yes	No	ART adherence
Dutcher (2011) <sup>77</sup>	US urban rural regions	15 (NS)	NS	Peer support	Social support	No	Yes	No	Yes	Yes	Care adherence/housing status



Author (year)	Study location	Women (% who are >40y)	Mean age	Intervention or comparison	Intervention objective	Medical Component	Psychosocial Component	Case management Component	Health education Component	STD prevention Component	Outcomes measured
Kupprat (2009) <sup>81</sup>	New York	46 (NS)	47	Social support substance use and mental health services	Substance abuse treatment, mental health services, case manager, support groups	Yes	Yes	Yes	No	No	Attendance, reception of therapy
Proeschold-Bell (2016) <sup>82</sup>	North Carolina	76 (NS)	46.5	Substance Use Treatment Integrated Care from Social Workers and HIV Medical Providers	Substance use treatment	Yes	Yes	No	Yes	No	Alcohol/drug use
Sullivan (2015) <sup>78</sup>	Chapel Hill (NC)	21 (NS)	45	Guide to Healing Program	Link HIV infected people to care	No	No	Yes	Yes	No	Self-reported ART adherence and medication management; accessing resources, including medication assistance, and community based services
Weiss (2015) <sup>85</sup>	Miami (FL), NYC (NY), (NJ)	364 (NS)	45	SMART/EST Women's Program	Enhance quality of life	No	Yes	No	No	No	Depression, medication adherence

\*These papers refer to the same study.

LA: Los Angeles; NYC: New York City; SMART/EST: Stress Management And Relaxation Training/Emotional Supportive Therapy.

## **Studies of Barriers in Accessing Resources**

Eighteen observational studies<sup>54-69, 81, 83</sup> evaluated barriers to care in populations ranging from 17 to 1701 women. Almost all of the barriers studied involved engaging or retention in HIV care, though three studies exclusively assessed outcomes not related to HIV, including cancer screening (1 study), accessing program services online (1 study), and using the internet (1 study) (Table 3). Of the 14 studies that evaluated barriers to engaging or retention in care, the types of barriers were sociodemographic in 12, cultural in 6, psychosocial in 11, related to experience with incarceration in one, medical in 12, and mental history in 6. Two studies looked at barriers to cancer screening that were sociodemographic, psychosocial, and medical in nature.<sup>59, 66</sup> One study evaluated psychosocial and medical barriers to adherence to treatment in the context of a pharmacy program.<sup>54</sup> Two studies, both by Blackstock et al., evaluated barriers to using the Internet, either in general or to access social support. These studies identified barriers from nearly every aspect (sociodemographic, cultural, psychosocial, medical history, and mental history),<sup>55, 57</sup> which may inform the design of Web-based programs, as well as strategies to enhance their uptake and use.

The most commonly cited system- or provider-level barriers were lack of transportation and logistical challenges (including navigating facilities, wait times, clinic hours, and insurance-related bureaucracy) (6 studies), and relationships with providers (4 studies).

**Table 3. Characteristics of studies of barriers to accessing resources**

Author (year)	Study location	Women (>40y)	Mean age	Barriers to...	Person-level modifiers examined						System-level (including provider-related) modifiers examined	
					Sociodemographic	Cultural	Psychosocial	Exp. w/ incarceration	Medical history	Mental history		
<i>Studies of barriers to engaging or remaining in care</i>												
Burke-Miller (2006) <sup>58</sup>	Various urban*	1701 (48)	NS	Engaging in care	Yes	Yes	Yes	No	Yes	Yes	None	
Blackstock (2015) <sup>56</sup>	Various urban**	748 (NS)	42	Engaging in care	Yes	No	Yes	No	Yes	Yes	Transportation	
Williams (2013) <sup>69</sup>	Various urban***	350 (NS)	41	Engaging in care	Yes	No	Yes	Yes	Yes	Yes	Intensity of care services received in jail	
Tello (2010) <sup>66</sup>	Baltimore (MD)	200 (76)	46	Engaging in care; cancer screening	Yes	No	Yes	No	Yes	No	Transportation, relationship with provider	
Toth (2013) <sup>67</sup>	(NC)	164 (NS)	46	Engaging in care	Yes	Yes	Yes	No	Yes	Yes	Transportation, financial, other logistical	
Sevelius (2014) <sup>64</sup>	San Francisco (CA)	58 (81)	NS	Engaging in care	Yes	Yes	Yes	No	Yes	No	Provider/staff cultural competence, integrated transgender and /HIV care, confidentiality	
Stevens (2009) <sup>65</sup>	(WI)	55 (NS)	41	Engaging in care	No	No	No	No	No	No	Insurance, transportation, financial, provider turnover	
Fletcher (2014) <sup>59</sup>	Houston (TX)	33 (NS)	51	Cervical cancer screening	No	No	Yes	No	Yes	No	Transportation, wait times, scheduling	
Quinlivan (2013) <sup>63</sup>	(NC)	30 (67)	45	Engaging in care	Yes	Yes	Yes	No	Yes	Yes	Navigating labs, transportation and parking, relationship with providers	
Vyavaharkar (2008) <sup>68</sup>	(SC)	22 (NS)	44	Engaging in care	Yes	Yes	Yes	No	Yes	No	Relationship with provider	
Pivnick (2010) <sup>62</sup>	Bronx (NY)	21 (NS)	48	Engaging in care	Yes	Yes	Yes	No	Yes	No	None	
McDoom (2015) <sup>61</sup>	Boston (MA)	20 (100)	57	Engaging in care	No	No	Yes	No	No	No	Relationship with provider	
Kempf (2010) <sup>60</sup>	Alabama (AL)	39 (77)	46	Retention in care	Yes	No	Yes	No	Yes	No	Transportation, clinic hours, flexible scheduling	
Kupprat 2009 <sup>81</sup>	New York	46 (NS)	47	Engaging in care	Yes	No	No	No	Yes	Yes	Unclear	
Sarnquist 2011 <sup>83</sup>	California	64 (49)	NS	Engaging in care	Yes	No	No	No	Yes	No	Transportation, navigating healthcare system	
<i>Studies of barriers to other goals</i>												
Blackstock (2015) <sup>55</sup>	Bronx (NY)	103 (100)	50	Using the Web	Yes	Yes	Yes	No	Yes	Yes	Place of medical care (clinic, private PCP vs healthcare for homeless, methadone clinic, visiting PCP)	
Blackstock (2015) <sup>57</sup>	Bronx (NY)	27 (NS)	49	Accessing Web-based social support	Yes	Yes	Yes	No	Yes	No	None	
Cocohoba (2013) <sup>54</sup>	San Francisco (CA)	17 (NS)	NS	Adhering to ART	No	No	Yes	No	Yes	No	Privacy, pharmacy location, presence of drug-seeking or intoxicated pharmacy patrons, relationship with provider	

\*NYC (NY), Washington (DC), Chicago (IL), LA & San Francisco (CA).

\*\*Brooklyn (NY), Chicago (IL), LA (CA), Miami (FL), San Antonio (TX), Springfield (MA), Alabama (AL), (NC), Longview (TX)

\*\*\*Atlanta (GA), Chester (PA), Chicago (IL), Cleveland (OH), Columbia (SC), New Haven (CT), New York city (NY), Philadelphia (PA), Providence (RI); Springfield (MA)

ART: antiretroviral therapy; NS: not stated.

## **Area 2: Studies Measuring the Effect of Insurance on Outcomes**

Seven eligible papers evaluated the overall effect of insurance on outcomes (Table 4). Because of the overlap in the included studies, the study and population characteristics in Table 4 are qualitatively similar to those in Table 1. The seven studies report no information on several characteristics of interest, including proportion of women with a spouse or partner who is available; with history of incarceration; who are undocumented immigrants; who identify as lesbian, bisexual or transgender; or who have multiple concurrent sexual partners. Six of these are included among the studies of barriers described in the previous section.<sup>54-56, 58, 65, 67</sup> These six studies reported the impact of insurance source (e.g. Medicaid, private, any, or none) on engagement with or retention in care, satisfaction with care, antiretroviral adherence, and Internet use. The seventh study evaluated the association between insurance and successful management of major depressive disorder.<sup>86</sup>

In no study did more than 18 percent of the women have private insurance. Where it was reported, between 60 and 100 percent of women had public insurance, and between 7 and 35 percent had no insurance. In all studies, insurance type was one of several predictors in a regression model. These studies were not designed to estimate the causal effect of insurance (relying on simple regression analyses instead of causally explicit methods, such as propensity scores, instrumental variables, or marginal structural modeling), and each study considered and controlled for different variables.

**Table 4. Characteristics of women in papers measuring the impact of insurance on outcomes (Area 2)**

Characteristic	Papers reporting information (% out of 7)	Median (25th, 75th)	Range
Publication year	7 (100)	2013 (2009, 2015)	2006 to 2015
Number of included women (all ages)	7 (100)	164 (55, 748)	17 to 1701
Enrollment start year	6 (86)	2005 (1994, 2010)	1994 to 2014
Enrollment duration, years	6 (86)	2 (2, 4)	1 to 4
<i>Information on age</i>			
Women, proportion >40 years*	2 (29)	74 (48, 100)	48 to 100
Mean age, years	5 (71)	43 (42, 46)	41 to 50
At or after menopause, %	0 (0)	NA	NA
Diagnosed with HIV at older age, %	0 (0)	NA	NA
<i>Race/ethnicity</i>			
White, %	5 (71)	18 (11, 32)	1 to 36
Black/African American, %	7 (100)	60 (55, 68)	53 to 85
Latino/Hispanic, %	6 (86)	26 (7, 30)	3 to 35
Asian, %	0 (0)	NA	NA
Native American, %	2 (29)	6 (4, 9)	4 to 9
Pacific Islander, %	0 (0)	NA	NA
Other, %	3 (43)	5 (2, 6)	2 to 6
<i>Other sociodemographic factors</i>			
With a social support circle, %	0 (0)	NA	NA
Married/with partner, %	3 (43)	16 (16, 34)	16 to 34
Caring for a dependent, %	2 (29)	27 (24, 31)	24 to 31
With annual income <\$10,000, %	3 (43)	63 (50, 73)	50 to 73
Undocumented immigrants, %	0 (0)	NA	NA
Unemployed, %	3 (43)	70 (58, 78)	58 to 78
Have not finished high school, %	5 (71)	35 (35, 37)	17 to 47
With history of incarceration, %	0 (0)	NA	NA
Experiencing violence, %	1 (14)	29 (29, 29)	29 to 29
Using illegal substances, %	3 (43)	28 (14, 38)	14 to 38
With mental health diagnoses, %	5 (71)	51 (38, 55)	4 to 100
<i>Insurance status</i>			
Without insurance, %	4 (57)	11 (8, 20)	8 to 27
With public insurance, %	2 (29)	67 (61, 73)	61 to 73
With private insurance, %	3 (43)	15 (15, 18)	15 to 18
<i>Gender identity and sexual orientation</i>			
Transgender women, %	0 (0)	NA	NA
Lesbian or bisexual women, %	0 (0)	NA	NA
Without sexual concurrency, %	0 (0)	NA	NA

\* Or older than another eligible age-cutoff; \*\*defined as “domestic violence” either current or in the past.

### **Area 3: Studies on the Diagnosis or Management of Comorbidity, or on Predictive Models**

Eight papers (seven studies), with sample sizes between 46 and 1234 participants were deemed eligible (Table 5).<sup>72, 74, 79, 86-90</sup> Because of the overlap in the included studies, the study and population characteristics in Table 5 are qualitatively similar to those in Table 1. The eight

publications report no information on several characteristics of interest, including proportion of women with a spouse or partner who is available, undocumented immigrants, history of incarceration, women who identify as lesbian, bisexual, or transgender or have multiple concurrent sexual partners. No study informed on diagnosis of or screening for comorbidities among older women living with HIV/AIDS; six reported information on the management of comorbidities; and two reported on predictive models of HIV progression or overall mortality in the presence of comorbid conditions.

Of the six studies that included information on management of comorbidities, two pertained to depression, three to alcohol and other substance abuse, and one to cardiovascular disease.<sup>72, 74, 79, 86-89</sup> Of the two studies on management of depression, one examined whether psychopharmacologic and psychotherapeutic treatment of depressed HIV-women met standards defined in the best practice literature and assessed predictors of standard-concordant care,<sup>86</sup> and the other examined whether antidepressant use by HIV-positive patients results in better employment rates.<sup>87</sup> Among the three studies on management of drug and alcohol abuse, one evaluated a family-based intervention (Structural Ecosystems Therapy) compared with a psychoeducational intervention for seropositive women who recover from drug abuse.<sup>72, 74</sup> Another informed on associations between heavy alcohol consumption and antiretroviral treatment initiation and mortality,<sup>88</sup> and a third evaluated a brief alcohol intervention in seropositive women with heavy drinking problems.<sup>79</sup> Finally, a cohort study informed on rates of acute myocardial infarction among HIV-positive patients with cardiovascular risk factors.<sup>89</sup>

Two eligible cohort studies described models predicting HIV progression or overall mortality among older women living with HIV/AIDS who also have comorbidities.<sup>88-90</sup> The first predicted clinical progression HIV disease based on illicit drug use and various sociodemographic factors (such as age, race, and sexual history) and medical history factors (such as antiretroviral use, CD4 cell counts, and CDC category of HIV disease at baseline).<sup>90</sup> Another predicted all-cause mortality among older women living with HIV/AIDS who also have substance and alcohol abuse problems based on sociodemographic factors (age and race), medical history factors (including using various drugs, alcohol and tobacco, having hepatitis C, prior antiretroviral therapy, CD4 counts, and viral load), and mental health factors (including a history of depression, anxiety, or psychosis).<sup>88</sup>

**Table 5. Characteristics of women in papers on the diagnosis or management of comorbidity, or of predictive models (Area 3)**

Characteristic	Papers reporting information (% out of 8)	Median (25th, 75th)	Range
Publication year	8 (100)	2010 (2008, 2013)	2006 to 2015
Number of included women (all ages)	8 (100)	700 (137, 1101)	126 to 1234
Enrollment start year	8 (100)	1996 (1995, 1998)	1994 to 2006
Enrollment duration, years	8 (100)	4 (3, 8)	2 to 10
<i>Information on age</i>	0 (0)	NA	NA
Women, proportion >40 years*	7 (88)	43 (38, 43)	36 to 44
Mean age, years	0 (0)	NA	NA
At or after menopause, %	0 (0)	NA	NA
Diagnosed with HIV at older age, %	4 (50)	14 (13, 28)	11 to 40
<i>Race/ethnicity</i>	7 (88)	79 (53, 84)	35 to 86
White, %	5 (62)	15 (12, 30)	12 to 30
Black/African American, %	1 (12)	1 (1, 1)	1 to 1
Latino/Hispanic, %	0 (0)	NA	NA
Asian, %	0 (0)	NA	NA
Native American, %	2 (25)	13 (9, 16)	9 to 16
Pacific Islander, %	3 (38)	58 (33, 58)	33 to 58
Other, %	0 (0)	NA	NA
<i>Other sociodemographic factors</i>	0 (0)	NA	NA
With a social support circle, %	4 (50)	50 (50, 55)	50 to 60
Married/with partner, %	0 (0)	NA	NA
Caring for a dependent, %	2 (25)	19 (5, 33)	5 to 33
With annual income <\$10,000, %	4 (50)	57 (38, 75)	35 to 75
Undocumented immigrants, %	0 (0)	NA	NA
Unemployed, %	0 (0)	NA	NA
Have not finished high school, %	4 (50)	100 (80, 100)	59 to 100
With history of incarceration, %	3 (38)	100 (32, 100)	32 to 100
Experiencing violence, %	1 (12)	14 (14, 14)	14 to 14
Using illegal substances, %	1 (12)	74 (74, 74)	74 to 74
With mental health diagnoses, %	0 (0)	NA	NA
<i>Insurance status</i>	0 (0)	NA	NA
Without insurance, %	0 (0)	NA	NA
With public insurance, %	0 (0)	NA	NA
With private insurance, %	8 (100)	2010 (2008, 2013)	2006 to 2015
<i>Gender identity and sexual orientation</i>	8 (100)	700 (137, 1101)	126 to 1234
Transgender women, %	8 (100)	1996 (1995, 1998)	1994 to 2006
Lesbian or bisexual women, %	8 (100)	4 (3, 8)	2 to 10
Without sexual concurrency, %	0 (0)	NA	NA

\* Or older than another eligible age-cutoff

## Illustration of Salient Issues

As described in the Methods section, to better appreciate the issues for women over 40 living with HIV/AIDS that might be missed in a literature review, we interviewed a social worker at the Immunology Clinic at the Brown-affiliated Miriam Hospital. This clinic is a well-organized,

nationally recognized center that provides integrated general medical and specialist care, as well as mental health and social support to people living with HIV/AIDS. The following factually accurate vignettes are summarized from the descriptions given to us by the Miriam Hospital social worker. They emphasize the need for case management and individualized care and illustrate some of the challenges faced by older women who live with HIV/AIDS.

## Four Vignettes

### K.P.

*K.P. is an 85-year-old woman diagnosed with AIDS in her 80s. She had been generally healthy but started losing weight, with night sweats, poor appetite and easy fatigue. She saw multiple physicians, but no clear diagnosis was made. In 2013, she was admitted to the Oncology service for a full work up for a malignancy. She was wheelchair bound and extremely weak. Work up did not show any malignancy or rheumatologic disease. An intern suggested an HIV test, since all other tests were unremarkable. The HIV test came back positive, and her CD4 count was 10. No one thought to test her, as no one thought a woman in her 80s would be sexually active. She was started on antiretroviral therapy, and responded very well. She continues to be seen in clinic with good HIV control. She has gained back weight and is very active and ambulant.*

The risk of HIV infection in older and elderly women is often underappreciated, perhaps because of wrong assumptions about women's sex life in older age, leading to underdiagnosis and unnecessary suffering.

### B.T.

*B.T. is a 65-year-old woman diagnosed with HIV in 1989, which probably resulted from injection drug use. She was started on monotherapy at the time and has been on several regimens over the years, as newer medication classes have become available. She has suffered many treatment-related side effects, and for a time did not want to take her HIV medications. She tolerates newer medications well, takes them, and her HIV infection is now under control, with very low CD4 counts. She is a chronic smoker, has chronic obstructive pulmonary disease, pulmonary hypertension, and hepatitis C. She has not used drugs for many years, but has "survivor's guilt" as she feels she should be dead like all of her contemporaries who shared needles with her and also contracted HIV. Being the only one alive among her group depresses her gravely, even though she is medically well.*

Women like B.T., who are doing well medically and do not face such basic needs as housing, food security, or insurance coverage can still struggle emotionally and socially. Challenges are magnified for women who do not have peer, community, or other social support.



## **C.W.**

*C.W. is a 50-year-old woman, diagnosed with HIV 18 years ago, in 1998. She regularly misses clinic appointments and does not regularly take her HIV medications, because she faces substance abuse, mental health, family, and social issues. She has never had good HIV control, with a consistently low CD4 count and an always-detectable viral load. She has been in rehabilitation many times for substance abuse, but always relapsed. She has been in jail multiple times. She tried a methadone program but was discharged, due to continued use of cocaine and heroin. She was lost to follow up for three years before resurfacing in clinic in 2015. She says that she had no time to take care of herself, as a result of family problems: her older son was recently convicted for sex trafficking and sentenced to 10 years in prison, and her younger son has been detained in a juvenile facility for selling drugs.*

Women like C.W. may face substance abuse, mental health, and family and social challenges that are so major, disorganizing, and detrimental that they take precedence over HIV-related medical care.

## **M.W.**

*M.W. is a 40-year-old transgender woman, who first transitioned to a girl with the aid of hormones at age 15. She contracted HIV 10 years ago, and is currently on treatment with good disease control. She had silicone injections for breast augmentation by “someone in a hotel room” and developed recurrent mastitis and severe scarring. She has renal failure and has been on dialysis for 8 years. She developed compartment syndrome from fistula infiltration, which left her with healing scars. She also has multiple catheter related scars on her chest. She has hypertension, hepatitis C, and recurrent moderate major depressive disorder. For the last several years she has avoided living as a woman, because she is seeking approval from her adopted family and living in environments where she feels stigmatized, and because the scars on her body from medical procedures affect her body image. She acknowledges that her avoidance of living as a woman has led her to not take as good care of herself as she should.*

M.W.’s battles with depression, chronic disease, stigma, and lack of social support have had major adverse impact on her well-being and adherence to HIV and other medical care over the years, although she now seems to be getting the care she needs to control the HIV. Her need for social support and security means that she is no longer living as a woman. Transgender women can easily fall through the current highly fragmented system of care, much like M.W. did during several periods of her life.

## **Web-Survey of Available Resources for People Living with HIV/AIDS in Six States**

It is unlikely that the published literature provides a credible high level overview of the number and type of resources available today in the U.S. for people who live with HIV, and by extension, for older women who live with HIV/AIDS. The Key Informants, our technical expert,

and the social worker who helped us identify the above-listed vignettes, all suggested that resources for HIV patients are not well integrated. It is not clear how most patients are linked to HIV care resources, but it is likely that it comes through a combination of word of mouth referrals from HIV providers, and various community outreach programs.

We provide a high-level overview of the type and number of resources that are available and readily identified through focused and limited searches of the Internet in a purposeful sample of six states. We emulate a Web-savvy person (e.g., a woman living with HIV/AIDS, her provider, or her case manager), who does not have access to a provider referral network and is looking to identify resources for older women who live with HIV/AIDS in Rhode Island, Alabama, Mississippi, New York, Texas, and California. In addition, we show what resources are available using the tools at [locator.aids.gov](http://locator.aids.gov), which provides a graphical interface for locating resources throughout the U.S. The idea is not to suggest that women who live with HIV/AIDS should search the Internet to find resources; it is well appreciated that too many barriers exist for that to be effective.<sup>55</sup> Instead, we aim to outline information on the density of resources that exist in the six states and to provide high-level empirical data.

The exposition is as follows: **Table 6** provides information about the demographics of the HIV positive populations in the six states, obtained from the CDC and the states' Departments of Health. No data are readily available for most of the characteristics of interest (i.e., for the information on age, race, socioeconomic data, insurance status and sexual orientation in the rows of **Table 1**). Therefore, our ability to describe the population in these six states (and we suspect in other U.S. states) even at a basic level is hampered by lack of information.

**Table 6. Characteristics of the people living with HIV/AIDS in the six states and across the U.S.**

Characteristic	US	Rhode Island (State sources)*	New York	Alabama	Mississippi	Texas	California
<i>General information</i>							
Number of people	316 million	1.1 million	19.7 million	4.8 million	3 million	26.4 million	38.3 million
Number of women	160 million	542 thousand	10.1 million	2.5 million	1.5 million	13.3 million	19.3 million
Number of women over 40y	71 million	282 thousand	5.0 million	1.2 million	732 thousand	5.8 million	8.9 million
Number of women with HIV (percentage who are over 40 years)	225612 (NR)	NR (NR)	39209 (NR)	3848 (NR)	3156 (NR)	17350 (61)	14071 (NR)
Incident HIV cases in 2013 among women (percentage over 40 years)	8328 (NR)	16 (NR)	742 (52)	146 (35)	93 (16)	823 (39)	NR
<i>Racial information, among women over 40 years<sup>a</sup></i>	NR	NR	NR	NR	NR	NR	NR
<i>Other sociodemographic factors, among women over 40 years<sup>b</sup></i>	NR	NR	NR	NR	NR	NR	NR
<i>Insurance status, among women over 40 years<sup>c</sup></i>	NR	NR	NR	NR	NR	NR	NR
<i>Gender identity and sexual orientation, among women over 40 years<sup>d</sup></i>	NR	NR	NR	NR	NR	NR	NR
<i>Medicaid expansion (yes/no)</i>	NA	Yes	Yes	No	No	No	Yes

\* Information on RI from the Immunology Clinic, which sees approximately 85% of the HIV population in the State in Table 7.

<sup>a</sup> Percentages for White; Black/African American; Latino/Hispanic; Asian; Native American; Pacific Islander; Other

<sup>b</sup> Percentages with a social support circle; married/with partner; caring for a dependent; with annual income <\$10,000; undocumented immigrants; unemployed; have not finished high school; with history of incarceration; experiencing violence; using illegal substances; with a mental health diagnosis

<sup>c</sup> Percentages without insurance; with public insurance; with private insurance

<sup>d</sup> Percentages for transgender women; lesbian or bisexual women; with sexual concurrency

To provide some more context, for Rhode Island, we obtained information on some of these factors from the database of the Immunology Clinic at the Miriam Hospital, which covers an estimated 85% of the state's HIV population. This information is listed in Table 7, for variables that are analogous, but not identical, to the ones in Table 1. Briefly, among the 359 women who are older than 40 years and live with HIV the majority (69 percent) is in the 40-55 year old bracket, and 43 percent are foreign-born. Most (67 percent) have been infected through sexual relationships, and 20 percent are likely to have been infected through injection drug use. Half report being currently single. The highest educational attainment is unknown in 44 percent, and 27 percent has not completed high school. This detailed information was not practically available from the other states, or at the U.S. level.

**Table 7. Characteristics of the women living with HIV/AIDS who are older than 40 years in the Immunology Clinic at the Miriam Hospital in RI**

Characteristic	Number	Percentage among women over 40 years
<i>Age information</i>		
Over 40 years	359	100
40-55 years	247	69
56-70 years	98	27
71-99 years	14	4
<i>Race/ethnicity</i>		
Latina/Hispanic	115	32
All other	244	68
<i>Place of birth</i>		
U.S. born	173	48
Foreign born	153	43
Unknown	33	9
<i>Transmission category</i>		
Sexual	239	67
Injection Drug User	72	20
Receipt of Blood Transfusion	3	<1
Others/Unknown	45	13
<i>Marital/partnership status</i>		
Divorced	26	7
Married	85	24
Partnered	24	7
Single	181	50
Unknown	17	4
Widow	28	8
<i>Highest educational attainment</i>		
No schooling at all	11	3
Grade school	37	10
Some high school	50	14
High school	37	10
Some college	35	10
College	20	6
Vocational or technical	11	3

Unknown	160	44
<i>Other sociodemographics<sup>a</sup></i>	ND	ND
<i>Gender identity and sexual orientation<sup>b</sup></i>	ND	ND

Table 8 shows the number of centers offering services related to HIV testing, housing, general health, mental health, substance abuse and family planning, and the number of Ryan White HIV Care-funded programs located within a 20-mile radius from the center of a large, a median, and a small city in each of the six states, as found through the Web site [locator.aids.gov](http://locator.aids.gov). In the text we also list, for each state, pertinent information gleaned from the Web sites of the Departments of Health and from targeted general Internet searches. Figures 3, 4, and 5 plot the density of each type of resource in the largest, median, and smallest city in the six states per 1000 inhabitants (panel a) or normalized by the total number of people leaving with HIV/AIDS in the state (panel b).

**Table 8. Number of resources available in each the largest, median and smallest city in each state**

State, Cities	HIV Testing	Housing Assistance	Health Centers	Ryan White HIV Care	Mental Health	Substance Abuse	Family Planning
Rhode Island							
Providence	16	6	38	3	69	57	19
Burrillville	20	5	30	3	48	44	15
Charlestown	3	0	4	3	5	9	2
New York							
New York City	329	20	309	51	253	582	108
Rochester	17	5	28	3	21	34	4
Little Falls	1	0	5	5	6	8	1
Texas							
Houston	44	14	54	9	21	62	12
Amarillo	7	1	3	3	4	4	1
Del Rio	2	0	3	4	1	0	0
California							
Los Angeles	135	20	284	22	152	243	93
Escondido	23	3	33	3	19	33	21
Imperial	4	1	6	5	1	6	0
Mississippi							
Jackson	10	3	17	3	17	10	3
Tupelo	5	0	3	11	5	2	4
Mound Bayou	2	0	4	3	1	2	3
Alabama							
Birmingham	14	2	6	4	21	17	4
Dothan	4	0	3	5	4	5	1
Demopolis	3	0	4	6	5	1	1

Information for each city from <https://locator.aids.gov>; the counts pertain to resources that are within 20 miles of the corresponding city or town center. Last accessed January 15, 2016. Cities in each state (or part of state) are ordered from largest to smallest in terms of population reported in the most recent census.

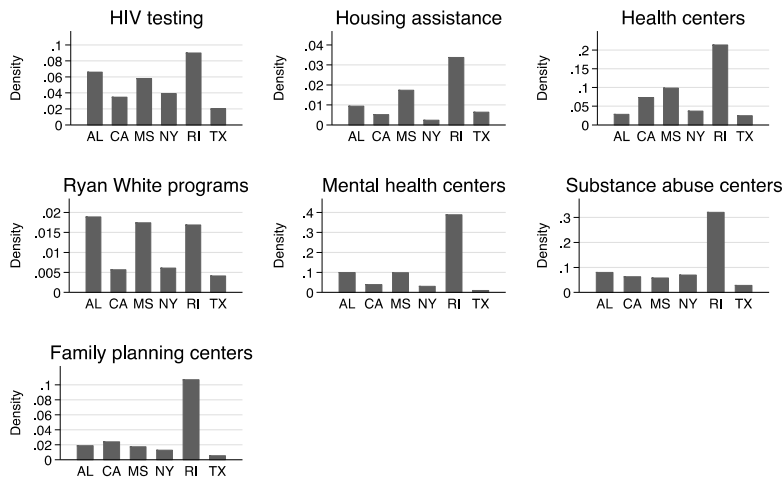
<sup>a</sup> Percentages with a social support circle; caring for a dependent; with annual income <\$10,000; undocumented immigrants; unemployed; with history of incarceration; experiencing violence; using illegal substances; with a mental health diagnosis

<sup>b</sup> Percentages for transgender women; lesbian or bisexual women; with sexual concurrency

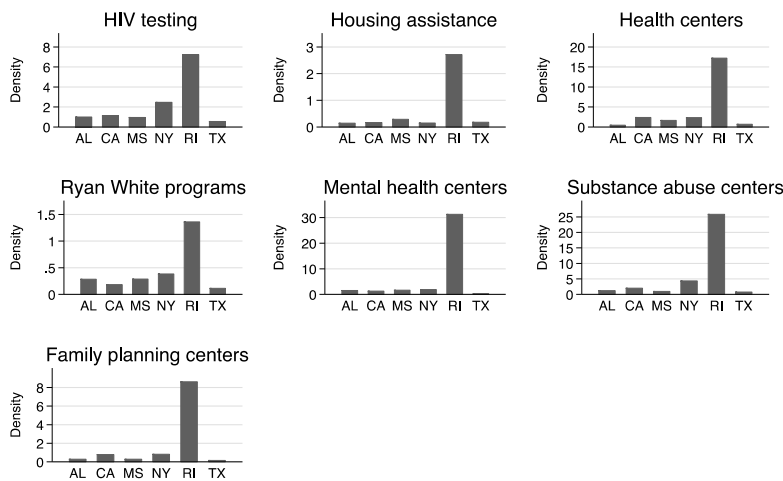
While there is variation across the six states in the number of facilities per 1000 inhabitants, it appears that, at least in the largest city in each state the density of facilities is comparable (Figure 3). Across the states, Texas appears to have the lower density of each type of facility; however it is the largest state. When it comes to the median and smallest city in each state however, the variation is more notable, with Rhode Island being an outlier (Figures 4 and 5). Further, the median and smallest cities do not have at least one facility of each kind (Table 8; Figures 4 and 5).

**Figure 3. Density of facilities in a large city in each state (Table 8)**

(a) Facility density (per 1000 population in a city),  
in a large city

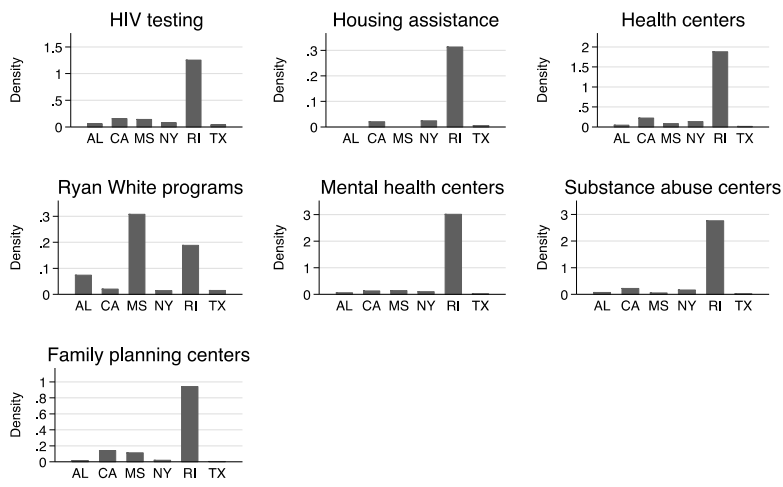


(b) Facility density (per 1000 people with HIV in the state),  
in a large city

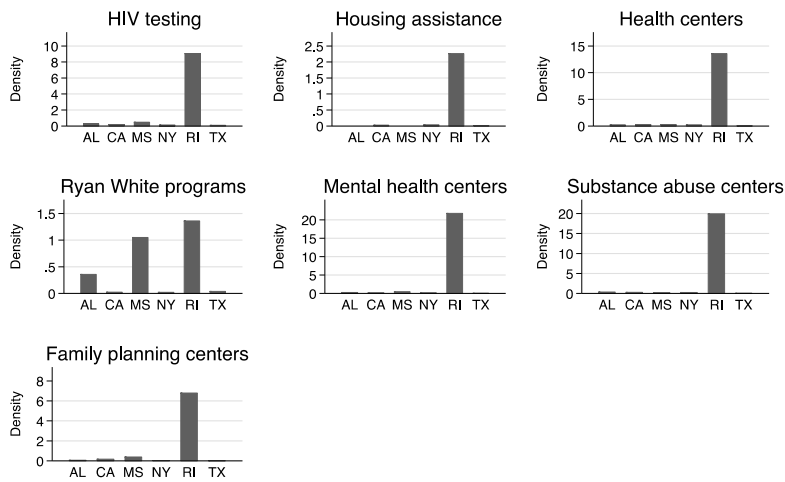


**Figure 4. Density of facilities per 1000 inhabitants in a median city in each state (Table 8)**

(a) Facility density (per 1000 population in a city),  
in a median city

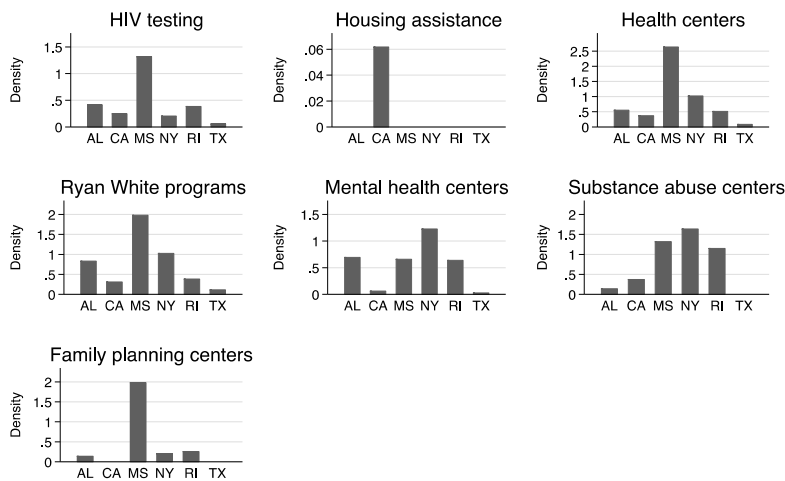


(b) Facility density (per 1000 people with HIV in the state),  
in a median city

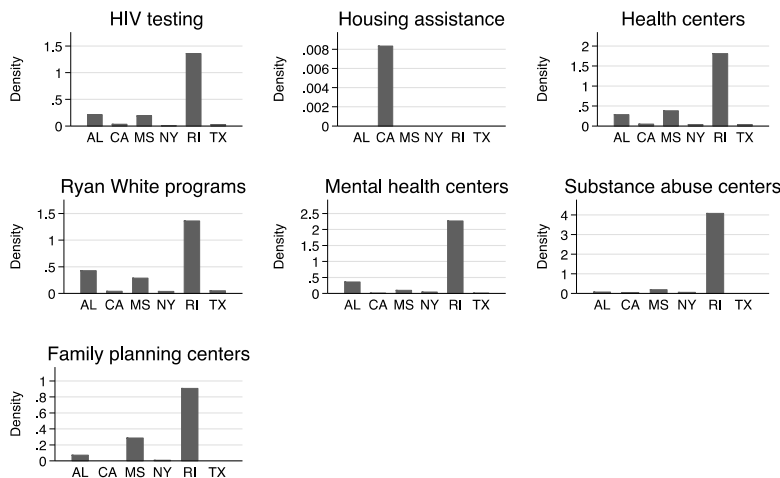


**Figure 5. Density of facilities per 1000 inhabitants in a small city in each state (Table 8)**

**(a) Facility density (per 1000 population in a city),  
in a small city**



**(b) Facility density (per 1000 people with HIV in the state),  
in a small city**



## Rhode Island

A Google search for Rhode Island and HIV or AIDS yielded the Web site for the State of Rhode Island Department of Health (<http://www.health.ri.gov/diseases/hivaids/>). This site includes educational information, publications, programs, regulations, and partners. There is an application for the Rhode Island AIDS Drug Assistance Program (ADAP) on the site, as well as a list of contact information for HIV/AIDS services and partners, including Ryan White HIV Care-funded programs. The programs listed range from clinics specializing in the medical care of HIV infected individuals to full service organizations that offer surveillance, anonymous testing, case management, clinical services, Sunrise House & Supportive Housing, prevention center (includes street outreach and needle exchange), and support groups. The AIDS Care Ocean State (<http://www.aidscaresos.org/Home.aspx>) offers services such as patient advocacy, transportation,



medical and mental health referrals, emergency assistance, respite care, rental assistance, housing subsidies, evictions prevention, and counseling (clinical, individual, group, and family).

Rhode Island is a small state where an estimated 85 percent of the HIV population receives care in the Immunology Clinic at the Brown-affiliated Miriam Hospital. We provide a description of the clinic's operations, to give an appreciation of how patients are handled in everyday life in a good program. People with new HIV diagnosis are referred to the clinic by word of mouth, referrals, and through the clinic's substantial outreach efforts.

## **Services Provided by the Immunology Clinic at the Miriam Hospital, RI**

The clinic staff, comprising a multidisciplinary team of physicians (including mental health professionals), nurses, case managers, social workers, interpreters, and general support staff provides coordinated initial, follow-up, and triage care for immunologic and infectious disease patients. For all newly diagnosed or referred people, an experienced nurse conducts the initial assessment of preferred language, social, medical and mental health needs. Subsequently, a social worker or other experienced trained professional will act as the person's case manager, using a language interpreter, as needed. A nurse follows up after the initial assessment for further educational needs and to discuss medical questions. The case manager schedules the patient with a physician for an initial consult, triages the need for mental health or addiction support, and outlines an individualized multidisciplinary plan. The management plan is shared with the whole care team with the goal of providing a continuum of social and physical care.

People who present to the clinic have different needs, and thus the case manager must identify the most needed aspects of social and medical care. The case manager must act as the navigator of the patient through the existing system, because, existing resources within and outside the clinic are rarely integrated. For example, patient with housing needs may or may not be eligible for Part D Ryan White-funded programs, U.S. Housing and Urban Development programs (including Housing Opportunities for Persons With AIDS [HOPWA] programs), Salvation Army programs, or transitional assisted living programs that provide group or individual housing, depending on her income, insurance coverage, problems with the law, whether she is legally in the country, or whether she abuses drugs or alcohol. More generally, case workers work with other agencies in the state providing case management for HIV infected patients such as RI Project AIDS, AIDS Care Ocean State, and work with the state's Department of Health for contact tracing and finding loss to follow up patients.

Apart from housing, examples of social needs that the case manager caters to include but are not limited to food security; transportation; transitions from the hospital to a nursing unit, house, or other places providing hospitality; de novo or renewal applications to Ryan White Programs, AIDS Drug Assistance Programs, or public insurance such as Medicare or Medicaid (which is covering HIV patients since the institution of the Affordable Care Act); organization of day-to-day tasks; communication with jail or prison personnel, police, judges or others from the justice department. The case manager also acts as a financial advocate for patients in need. Through various funding sources, including Federal funding, hospital funds, in-kind-donations from pharmaceutical industry, and philanthropy, the clinic may cover application fees (e.g., for getting an identity card), burial expenses, drug co-pay, legal services, interpreter services, and many other unforeseen needs.

## **Alabama**

A Google search for Alabama and HIV or AIDS yielded the Web site for the Division of HIV/AIDS Prevention and Care of Alabama Public Health (<http://www.adph.org/aids/>), which includes educational information, events, news, as well as links to services and care. There is an application for the Alabama AIDS Drug Assistance Program (ADAP) on the site, as well as a list of contact information for HIV/AIDS Program Coordinators in each of 11 areas of the state.

In the services section of the Web site is a list of links to 14 programs throughout the state. These range from clinics specializing in the medical care of HIV infected persons to full-service organizations that offer medical services (including obstetrics and gynecology services), housing, mental health, prevention/education, substance abuse treatment, and transportation. Most are based in a specific region of the state (north, south, central, Birmingham area, etc.), and receive Ryan White funds. Notably, the AIDS Alabama South (<http://www.southalabamacares.org/>) runs a monthly support group for HIV positive women. The AIDS Alabama (<http://www.aidsalabama.org/>) Web-based resource offers a zip-code-based locator for care in the state. The Birmingham AIDS Outreach ([www.birminghamaidsoutreach.org](http://www.birminghamaidsoutreach.org)) has a specific program focusing on Lesbian, Gay, Bisexual, Trans, and Queer (LGBTQ) people.

## **Mississippi**

A Google search for Mississippi and HIV or AIDS yielded the Web site for the Mississippi State Department of Health ([http://msdh.ms.gov/msdhsite/\\_static/14,0,150.html](http://msdh.ms.gov/msdhsite/_static/14,0,150.html)), which includes information on surveillance, epidemiology and research, education and policy, care and treatment, and public resources. There is an application for the Mississippi AIDS Drug Assistance Program on the site, as well as a list of contact persons for HIV/AIDS.

The programs listed on the site range from clinics specializing in the medical care of HIV infected persons to full service organizations that offer testing (conventional and/or rapid), counseling (includes support groups and one-on-one sessions), care and treatment (includes primary care, dental care, mental health care, etc.), legal services, and support services. Support services include drug purchases, transportation, childcare, emergency financial, housing (includes HOPWA), food, home care, respite care, and information dissemination (such as hotlines, electronic resources, print, etc.). Available programs and services can be searched by county and type of service. In addition there is a link for Your PSH (Personal Sexual Health), a free mobile app for Mississippi residents that gives users access to information and support for safe sexual health. The Mississippi GLBT Activism Society / Gay It Up! Mississippi links to specific programs for LGBTQ people. The Web site for Mississippi Center for Justice. This site includes information on employment, housing, and privacy rights for those living with HIV/AIDS.

## **New York**

A Google search for New York and HIV or AIDS and programs yielded the New York State Living with HIV/AIDS site (<https://www.health.ny.gov/diseases/aids/general/resources/>), which contains a list of links broken down by topic: resource directories, family health care decision act, HIV uninsured care programs, child, family and others, Medicaid managed care, HIV special needs plans, and HIV and smoking. Under each topic it includes educational information, as well as introduction, policy, enrollment and contact information for HIV/AIDS services. There is an application for the New York AIDS Drug Assistance Program on the site.

These programs range from clinics specializing in the medical care for HIV infected individuals to full-service organizations that offer prevention education/risk reduction service, syringe exchange, opioid overdose prevention, STD screening, HIV testing, individual and group supportive counseling, case management, mental health, medical transportation, nutritional support, housing, and legal services. The services are also organized and provided by faith-based ministries, besides regular groups. LGBT Health and Human Services, and LGBT HIV/STD/hepatitis C Prevention Services, specifically addressing the needs of LGBTQ, are provided in all the regions of the state.

## **Texas**

A Google search for Texas and HIV or AIDS yielded the Web site for the Texas Department of State Health Services ([https://www.dshs.state.tx.us/hivstd/services/service\\_d.shtm](https://www.dshs.state.tx.us/hivstd/services/service_d.shtm)). This site includes two main branches that deal with HIV/AIDS care: the Epidemiology and Surveillance Branch and the HIV/STD Prevention and Care Branch. The goals of these two branches are to provide HIV/STD education and information; collect, interpret, and distribute HIV data; give guidance and planning for HIV services; and provide medical supplies to prevent, manage, and treat HIV. This site also provides contact information for HIV programs organized by the program name, and information as to which programs accept patients regardless of immigration status.

The city of Austin has a Web site (<https://austintexas.gov/department/austinhiv>) that provides information for HIV education, testing, treatment, counseling, and a list of available HIV clinics and resources in Austin, specifically resources that provide assistance with medical care providers, medication, mental health, substance abuse services, case management, transportation, housing, food/nutrition, and employment. The Waterloo Counseling Center in Austin (<http://www.waterloocounseling.org/index.html>) offers transsexual/transgender specific support.

## **California**

A Google search for California and (HIV or AIDS) yielded the Web sites of the California State Department of Public Health (<https://www.cdph.ca.gov/>) and of the California HIV/AIDS Service Referrals (<https://npin.cdc.gov/ca/>). The first site includes educational information, data and surveillance, resources, laws and regulations, as well as a list of links of HIV/AIDS services for various needs. The second site provides contact information of HIV/AIDS services in a selected region of the state (areas close to the address inputted). There is an application for the California AIDS Drug Assistance Program on both sites.

The services listed on the site range from clinics specializing in the medical care of HIV infected persons to full service organizations that provide prevention education, counseling, HIV testing (conventional and rapid), case management, support groups (HIV-positive or negative), faith-based HIV service, financial assistance, food, housing, legal services, medication adherence education and counseling, partner notification, and transportation. At the time of the search, these Web sites did not include any programs that focus on woman, senior citizens, or LGBTQ. Searching separately on Google for women, HIV, and specific cities or regions turns up several groups focused on women and/or the LGBT community. A group called HOPE publishes a California Healthcare Resource Guide for Undocumented Immigrants at [http://www.hopeact.latinas.org/site/c.btJSL7NPJqL8H/b.8756551/k.DD38/ACA\\_and\\_the\\_Undocumented\\_Population\\_Resource\\_Guide.htm](http://www.hopeact.latinas.org/site/c.btJSL7NPJqL8H/b.8756551/k.DD38/ACA_and_the_Undocumented_Population_Resource_Guide.htm)

# Summary and Implications

## Summary of Observations

We identified 890 citations that address questions in the three areas of interest and have enrolled older women who live with HIV/AIDS. Of these, only 37 (4 percent) studies reported results of interest among older women who live with HIV/AIDS or examined interactions between gender and older age that would allow extrapolation to this subgroup. An additional 494, 114, and 390 papers would have been eligible for the three areas of interest, had they reported the required information on women age 40 and over. This observation is not surprising, because the limited space of a published paper does not suffice for examining the many subgroups of interest. It is, however, congruent with the prediction of the Key Informants that evidence would be sparse. It may also have implications for future research investments, in that, in addition to gathering new data to address research gaps, a funder might consider a meta-analysis of individual-patient-level data from existing studies.

While some of the 37 eligible studies focused on populations facing obvious challenges, such as immigrant women,<sup>62</sup> women who had suffered physical abuse,<sup>56</sup> transgender women,<sup>64</sup> and women recently released from prison,<sup>69</sup> more studies are needed in these subgroups. No study focused on women caring for dependents, including children and grandchildren, or those diagnosed in old age. Similarly no study focused on women who face less obvious challenges, such as women who have adequate health insurance compared with those without adequate insurance. As was noted in our conversations with the Key Informants, women with adequate insurance coverage may paradoxically access a narrower range of resources, because they are not as widely exposed to community-based resources and other peer and social support services. In sum, the existing evidence base does not include a substantial number of studies that pertain directly to women who are over 40 and live with HIV/AIDS. We discuss the implications of this observation for future studies in the Next Steps section.

We identified eight generally small (of fewer than 200 participants) randomized trials that examined the impact of strategies for promoting healthy family and social relationships and healthier lifestyle (promoting medication adherence, smoking cessation, safer sexual behavior, and practices to prevent chronic disease). Most included psychosocial and health education components, but none included a comprehensive case-management-based approach that would also encompass medical, mental health, and sexually transmitted diseases prevention-specific components. Only a handful of nonrandomized studies evaluated the effectiveness of strategies for promoting care. We also identified eighteen studies of barriers to accessing care in general or specific services in particular (e.g. cancer screening), which most commonly examined barriers related to sociodemographic, psychosocial, and medical factors. A minority examined barriers related to cultural factors, experience with incarceration, or mental health. Several studies identified system-level barriers to engaging with care, including transportation, scheduling, insurance referrals, financial issues, and practical challenges, such as navigating a hospital building. Finally, very few studies examined the overall impact of insurance on outcomes, or the impact of comorbidity on the management of HIV infection or its progression. Thus, although we did not analyze the findings of the aforementioned studies in all clinical areas, it is highly unlikely that the identified body of evidence is close to maturity.

Our Web-based survey yielded a sizeable number of testing, housing, medical and mental health, and social support resources in the large cities, and limited availability of specific types

of resources in the median and small cities in the six states. This survey was done to provide a high level summary of the number and density of resources that are registered. The fact that fewer resources exist in smaller-sized cities is expected. The relative dearth of resources in smaller cities is particularly problematic for the geographically larger states, because the closest large urban center may be many miles away. Furthermore, even in urban centers where a very large number of resources may be concentrated, transportation can be a major problem. Traveling even a few miles in a big city can be difficult and time-consuming especially when one does not have private means of transportation and public transportation options are not convenient or are too expensive.

Indirectly, our Web-survey informs about how difficult it is for someone who is not intimately familiar with HIV care in a city or a state to obtain basic information, using only the Internet. Because the U.S. health system is not integrated, the exercise is revealing. One exception may be the [locator.aids.gov](http://locator.aids.gov) Web page, which maps the location of certain types of resources throughout the U.S. However, [locator.aids.gov](http://locator.aids.gov) is not exhaustive, does not provide detailed characteristics for each resource, and may not be fully up-to-date. It is possible to identify a list of facilities that are related to HIV care, and the states' Department of Health Websites provide information that one can use as a starting point. In general however, this information is not very detailed, and it is not entirely clear how often it is updated. One would have to proceed with personal communications with point persons in the various facilities, for example, to get a description of what they offer and how they operate, and what aspects of their care are specific to women who are older than 40 and are living with HIV/AIDS.

## Limitations

We developed an evidence map to describe the amount and type of practically available evidence, but did not summarize findings of eligible studies. For feasibility, we did not consider research completed longer than 10 years ago (specifically, earlier than 01/01/2005), because older empirical data are less likely to be relevant to today's setting. While it is plausible that earlier studies are applicable, important questions are often addressed by more recent replication studies, in which case they would be represented in the evidence map. Further, the more recent literature is probably more relevant for informing the future research agenda. We decided not to search EMBASE or any other large, international general database, and may have missed some relevant studies. Based on empirical data on the added utility of searching databases beyond PubMed, we deemed that the added benefit of searching multiple targeted databases was more cost and time efficient and would yield more relevant studies than a second large general database search.<sup>91</sup>

We did not conduct a detailed analysis of the 37 eligible papers. For example, we did not prioritize outcomes by their importance. Antiretroviral adherence, quality of life, smoking cessation, and engaging the internet are all outcomes that were assessed, but these outcomes do not span the set of measures that is pertinent for decision and policy making. Similarly, we did not do a detailed analysis of the risk of bias or the strength of evidence of individual studies or of the entire evidence-base, because these tasks were not relevant to the goal of this project, which was to describe the literature in broad terms. We believe that formal risk of bias and strength of evidence assessments would not materially affect the interpretation of our findings or change conclusions, because of the paucity of directly relevant data.

Because the main focus of the Technical Brief is to inform about the U.S. setting, we did not consider studies conducted exclusively in other countries. This is probably most defensible for

empirical studies pertinent to the first two interest areas (impact of resources on outcomes, and impact of insurance), which deal with questions that are quite specific to the U.S. health system. Arguably, empirical studies in the third area of interest (diagnosis and management of comorbid conditions and predictors of patient-centered outcomes) are applicable irrespective of whether a study is conducted in the U.S. or in another country with advanced healthcare. However, given the interests of the OWH, and the limited available time and resources, we focused on U.S. studies only. To operationalize this, we limited our search to papers in which at least one author had a U.S. affiliation. In screening, we excluded a study only if it reported that it had been done exclusively outside the U.S.

We excluded studies not reporting empirical data, such as theory expositions, modeling studies of the effects of policies, opinion pieces, and non-systematic reviews. We did consider including systematic reviews, but did not find any. Because of limited time and resources, screening and data extraction were done by a single experienced reviewer. We believe that the overall picture of the research is accurate.

Finally, the Internet search was meant as a way to obtain an indication of the ease with which someone can identify available resources. It should not be interpreted as a suggestion of how patients and their providers should search for resources. It is difficult to know whether the identified resources are still in existence, or whether they are truly available to all patients. For example we did not check whether appointments were available, if all insurance was accepted, or if some subgroups, such as drug addicted individuals, were not welcome.

## **Next Steps**

### **Research Needs**

The evidence map identified only 37 studies that report information in the subgroup of older women who live with HIV/AIDS, or report any analyses to determine the influence of sex and older age on outcomes. These 37 studies they do not represent a mature evidence base. Specifically, these studies do not provide insights into approach to care that are specific to whether women have been diagnosed with HIV/AIDS at an earlier versus at an older age; have acute and chronic comorbidities, including substance abuse and mental health diagnoses; have different ethnic or racial descent; have different levels of insurance, income, wealth, social support, educational attainment; care for dependents; are undocumented immigrants; experience violence; have a history of incarceration; or identify as members of the LBGQT community.

The evidence-base is even more sparse if one considers that the identified studies focused on different research questions. We identified few and small randomized trials and observational studies on strategies for engaging resources and promoting women's well-being, which cannot possibly cover the range of practically implementable interventions that should be examined. By their nature such interventions are complex, in that they have many versions, and their implementation and deployment can depend on the targeted population. Evaluating complex interventions is challenging, and often requires subgroup analyses and analyses of effect modifiers. In turn these generally require large sample sizes and robust and detailed data collection. We did not identify any such studies.

More generally, when the range of questions of interest is so large, and the directly applicable evidence-base is so limited, most, if not all, questions can be characterized as under-researched, and consequently, it is difficult to prioritize them for future research. For example, it is not obvious which of the aforementioned population subgroups represent more pressing

priorities. It is also unclear which criteria to use to rank research priorities. One may, however, make some general observations, which may help those who prioritize research portfolios. Our suggestions are about practical ways to enrich the evidence-base on the issue at hand, and on research prioritization methods. We do not explicitly prioritize specific subpopulations or specific research questions, and we recommend that all research prioritization include input from women who are living with HIV/AIDS.

1. There is a need for better quality demographic information, as well as overall burden in the U.S. of women over the age of 40 living with HIV/AIDS.
2. A large amount of data have already been collected on women who are over 40 years and live with HIV in the context of studies that enrolled broader populations, but have not been analyzed for the subgroup of older women who were either diagnosed late in life or have been living with the disease for many years. In this work we excluded 854 studies that ostensibly enrolled women who live with HIV/AIDS and are over 40 years old but provide no analysis that pertain directly to this subgroup. Substantial economy of resources can be had by encouraging re-analyses of existing datasets, with a focus on older women who live with HIV/AIDS.
3. However for some questions, it is possible that inferences about women who live with HIV/AIDS in the U.S. and are older than 40 years can be generalized from studies that included broader populations, including studies that have enrolled younger and older women or people who live outside the U.S. Relevant information may be transferred even from studies of patients who have other chronic or sexually transmitted diseases. A plausible approach would be to prioritize analyses of existing large studies to see whether and how inferences would change in subgroups defined by age or other factors. For example, if the natural course or general management of a chronic disease were not particularly affected by age in interaction analyses, data from younger and older people would be considered for high quality policy making. Other sources of this sort of data include claims data, the CDC Medical Monitoring Project, and large cohort studies, such as Women's interagency HIV study (WISE), the NA Accord, the SUN study, and Ryan White data (HRSA).
4. Observing the great successes of clinical research consortia that were formed to address medical questions, such as the AIDS Clinical Trials Group network, and the Women's Interagency Health Study we believe that encouraging analogous consortia for addressing questions related to health services research, barriers, social interventions, economics and other aspects of living and aging with HIV might be fruitful (for example, the AIDS Clinical Trials Group Network has surveyed physicians to identify barriers to providing care to people with HIV/AIDS<sup>92</sup>). Such consortia naturally result in networks of researchers oriented towards a comprehensive approach to care, inclusive of case managers, nurses, social workers, psychologists, and other experts, which could be leveraged to conduct high impact research and also to overcome practical challenges (e.g., the network can be used to refer a patient who moves to a new city to appropriate contact persons and services). It is also possible that these existing consortia could be convinced to expand their scope to include the research questions addressed in this Technical Brief.
5. Finally, with respect to research prioritization methods, we wish to bring attention to three families of approaches, which, to our knowledge, are not widely utilized in health and medicine to inform the planning of the future research agenda. We believe that these approaches could inform the deliberations of decisionmakers about which research to fund next.

- a. The first draws from statistical decision theory and economics and pertains to analyses of the expected value of information that would be obtained through new research.<sup>93, 94</sup> The added value of this approach is that it can provide a ranking on which sources of uncertainty appear to be more pressing, according to the decisionmakers' criteria.
- b. The second relates to optimizing the future research agenda through the lens of portfolio selection theory, and draws from finance and operations research.<sup>95, 96</sup> This approach may help construct a research portfolio that is diverse, and strikes a balance between exploitation (addressing questions that are readily answerable with little effort, and are likely to have impact) and exploration (addressing questions that may have a large impact, but may be higher-risk).
- c. The third pertains to multiple criteria decision making (MCDM), which is a theory for analyzing decisional problems (such as what research to fund next) that are subject to many, and potentially conflicting optimality criteria.<sup>97, 98</sup> Implicit MCDM methods are already used in research prioritization exercises that are based on expert committees. However, a more formal application of MCDM principles may enhance the efficiency and clarity of current processes, and perhaps increase the likelihood of high quality decisions. MCDM approaches can be qualitative or quantitative (Multiple Criteria Decision Analysis).



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## Appendix A. Search Strategy

PubMed Programs search 11/30/2015, updated 2/10/2016

((older or “middle age” or “middle aged” or “middle-age” or “middle-aged” or "Middle Aged"[Mesh] OR "Aged"[Mesh] or elderly or post-menopause or postmenopause or "Postmenopause"[Mesh])

AND (HIV or "HIV"[Mesh] or “Human immunodeficiency virus” or "HIV Infections"[Mesh] or (“Acquired Immunodeficiency Syndrome”) or "Acquired Immunodeficiency Syndrome"[Mesh])

AND (USA[Affiliation] or US or “United States” OR Alabama[Affiliation] OR AL[Affiliation] OR Alaska[Affiliation] OR AK[Affiliation] OR Arizona[Affiliation] OR AZ[Affiliation] OR Arkansas[Affiliation] OR AR[Affiliation] OR California[Affiliation] OR CA[Affiliation] OR Colorado[Affiliation] OR CO[Affiliation] OR Connecticut[Affiliation] OR CT[Affiliation] OR Delaware[Affiliation] OR “DE”[Affiliation] OR Florida[Affiliation] OR FL[Affiliation] OR Georgia[Affiliation] OR GA[Affiliation] OR Hawaii[Affiliation] OR HI[Affiliation] OR Idaho[Affiliation] OR ID[Affiliation] OR Illinois[Affiliation] OR IL[Affiliation] OR Indiana[Affiliation] OR Iowa[Affiliation] OR IA[Affiliation] OR Kansas[Affiliation] OR KS[Affiliation] OR Kentucky[Affiliation] OR KY[Affiliation] OR Louisiana[Affiliation] OR LA[Affiliation] OR Maine[Affiliation] OR ME[Affiliation] OR Maryland[Affiliation] OR MD[Affiliation] OR Massachusetts[Affiliation] OR MA[Affiliation] OR Michigan[Affiliation] OR MI[Affiliation] OR Minnesota[Affiliation] OR MN[Affiliation] OR Mississippi[Affiliation] OR MS[Affiliation] OR Missouri[Affiliation] OR MO[Affiliation] OR Montana[Affiliation] OR MT[Affiliation] OR Nebraska[Affiliation] OR NE[Affiliation] OR Nevada[Affiliation] OR NV[Affiliation] OR New Hampshire[Affiliation] OR NH[Affiliation] OR New Jersey[Affiliation] OR NJ[Affiliation] OR New Mexico[Affiliation] OR NM[Affiliation] OR New York[Affiliation] OR NY[Affiliation] OR North Carolina[Affiliation] OR NC[Affiliation] OR North Dakota[Affiliation] OR ND[Affiliation] OR Ohio[Affiliation] OR OH[Affiliation] OR Oklahoma[Affiliation] OR OK[Affiliation] OR Oregon[Affiliation] OR Pennsylvania[Affiliation] OR PA[Affiliation] OR Rhode Island[Affiliation] OR RI[Affiliation] OR South Carolina[Affiliation] OR SC[Affiliation] OR South Dakota[Affiliation] OR SD[Affiliation] OR Tennessee[Affiliation] OR TN[Affiliation] OR Texas[Affiliation] OR TX[Affiliation] OR Utah[Affiliation] OR UT Vermont[Affiliation] OR VT[Affiliation] OR Virginia[Affiliation] OR VA[Affiliation] OR Washington[Affiliation] OR WA[Affiliation] OR West Virginia[Affiliation] OR WV[Affiliation] OR Wisconsin[Affiliation] OR WI[Affiliation] OR Wyoming[Affiliation] OR WY[Affiliation] OR Puerto Rico[Affiliation] OR PR[Affiliation])

AND (women or female or "Women"[Mesh])



AND (program\* OR treatment\* OR intervention\* or "Policy"[Mesh] or polic\* or "Insurance"[Mesh] or insurance or "Government Agencies"[Mesh] or non-profit or "non profit" or nonprofit or "Organizations, Nonprofit"[Mesh] or "cascade of care"))

NOT ("Africa"[Mesh] OR ("addresses"[pt] or "autobiography"[pt] or "bibliography"[pt] or "biography"[pt] or "case reports"[pt] or "comment"[pt] or "congresses"[pt] or "dictionary"[pt] or "directory"[pt] or "editorial"[pt] or "festschrift"[pt] or "government publications"[pt] or "historical article"[pt] or "interview"[pt] or "lectures"[pt] or "legal cases"[pt] or "legislation"[pt] or "letter"[pt] or "news"[pt] or "newspaper article"[pt] or "patient education handout"[pt] or "periodical index"[pt] or "comment on" or review[tw] OR ("Animals"[Mesh] NOT "Humans"[Mesh]) OR rats[tw] or cow[tw] or cows[tw] or chicken\*[tw] or horse[tw] or horses[tw] or mice[tw] or mouse[tw] or bovine[tw] or sheep or ovine or murinae))

Limit to Female  
Limit to 2005-  
Limit to humans  
Limit to English

#### PubMed Comorbidities search 11/30/2016

((older or "middle age" or "middle aged" or "middle-age" or "middle-aged" or "Middle Aged"[Mesh] OR "Aged"[Mesh] or elderly or post-menopause or postmenopause or "Postmenopause"[Mesh])

AND (HIV or "HIV"[Mesh] or "Human immunodeficiency virus" or "HIV Infections"[Mesh] or ("Acquired Immunodeficiency Syndrome") or "Acquired Immunodeficiency Syndrome"[Mesh])

AND (women or female or "Women"[Mesh])

AND ("Comorbidity"[Mesh] or comorbid\*)

NOT ("Africa"[Mesh] OR ("addresses"[pt] or "autobiography"[pt] or "bibliography"[pt] or "biography"[pt] or "case reports"[pt] or "comment"[pt] or "congresses"[pt] or "dictionary"[pt] or "directory"[pt] or "editorial"[pt] or "festschrift"[pt] or "government publications"[pt] or "historical article"[pt] or "interview"[pt] or "lectures"[pt] or "legal cases"[pt] or "legislation"[pt] or "letter"[pt] or "news"[pt] or "newspaper article"[pt] or "patient education handout"[pt] or "periodical index"[pt] or "comment on" or review[tw] OR ("Animals"[Mesh] NOT "Humans"[Mesh]) OR rats[tw] or cow[tw] or cows[tw] or chicken\*[tw] or horse[tw] or horses[tw] or mice[tw] or mouse[tw] or bovine[tw] or sheep or ovine or murinae))

Limit to Female

Limit to 2005-  
Limit to humans  
Limit to English

CINAHL, PsycINFO, SocINDEX program and comorbidity search 11/30/15, updated 2/10/2016

#	Query
S13	S12
S12	S10 NOT S11
S11	(MH "Africa")
S10	S8 AND S9
S9	(program* OR treatment* OR intervention* or Policy or policies or insurance or "Government Agencies" or non-profit or "non profit" or nonprofit or "cascade of care" or comorbid*)
S8	S2 AND S4 AND S7
S7	(MH "Women") OR ( women or female )
S6	(MH "Women")
S5	((MH "Human Immunodeficiency Virus+") OR (MH "Acquired Immunodeficiency Syndrome") OR ( HIV or "Human immunodeficiency virus" or "Acquired Immunodeficiency Syndrome" )) AND (S2 AND S4)
S4	( (MH "Human Immunodeficiency Virus+") OR (MH "Acquired Immunodeficiency Syndrome") ) OR ( HIV or "Human immunodeficiency virus" or "Acquired Immunodeficiency Syndrome" )
S3	(MH "Human Immunodeficiency Virus+") OR (MH "Acquired Immunodeficiency Syndrome")
S2	( (MH "Aged") OR (MH "Gerontologic Care") OR (MH "Middle Age") OR (MH "Postmenopause") ) OR ( older or "middle age" or "middle aged" or "middle-age" or "middle-aged" or elderly or post-menopause or postmenopause )
S1	(MH "Aged") OR (MH "Gerontologic Care") OR (MH "Middle Age") OR (MH "Postmenopause")

## Appendix B.

### Studies Excluded Because They Did Not Have an Analysis for HIV+ Women >40 Years Old

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
25874644	Patient Symptomatology in Anal Dysplasia	JAMA Surg	Hicks, C. W.; Wick, E. C.; Leeds, I. L.; Efron, J. E.; Gearhart, S. L.; Safar, B.; Fang, S. H.	no	no	no	yes	Anal dysplasia	no
25005803	Anemia in a cohort of HIV-infected Hispanics: prevalence, associated factors and impact on one-year mortality	BMC Res Notes	Santiago-Rodriguez, E. J.; Mayor, A. M.; Fernandez-Santos, D. M.; Ruiz-Candelaria, Y.; Hunter-Mellado, R. F.	no	no	no	no	Anemia	yes
23664855	A nationwide study of comorbidity and risk of reinfection after Staphylococcus aureus bacteraemia	J Infect	Wiese, L.; Mejer, N.; Schonheyder, H. C.; Westh, H.; Jensen, A. G.; Larsen, A. R.; Skov, R.; Benfield, T.	no	no	no	no	Bacteraemia	yes
20940199	Second malignancy risks after non-Hodgkin's lymphoma and chronic lymphocytic leukemia: differences by lymphoma subtype	J Clin Oncol	Morton, L. M.; Curtis, R. E.; Linet, M. S.; Bluhm, E. C.; Tucker, M. A.; Caporaso, N.; Ries, L. A.; Fraumeni, J. F., Jr.	no	no	no	yes	Cancer	yes
16794245	Liposomal doxorubicin, cyclophosphamide, and etoposide and antiretroviral therapy for patients with AIDS-related lymphoma: a pilot study	Oncologist	Combs, S.; Neil, N.; Aboulafia, D. M.	no	no	no	yes	Cancer	no
25150257	A new prognostic score	Haematolo	Barta, S. K.; Xue, X.;	no	no	no	yes	Cancer	yes

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	for AIDS-related lymphomas in the rituximab-era	gica	Wang, D.; Lee, J. Y.; Kaplan, L. D.; Ribera, J. M.; Oriol, A.; Spina, M.; Tirelli, U.; Boue, F.; Wilson, W. H.; Wyen, C.; Dunleavy, K.; Noy, A.; Sparano, J. A.						
25251326	Prognostic factors for advanced-stage human immunodeficiency virus-associated classical Hodgkin lymphoma treated with doxorubicin, bleomycin, vinblastine, and dacarbazine plus combined antiretroviral therapy: a multi-institutional retrospective study	Cancer	Castillo, J. J.; Bower, M.; Bruhlmann, J.; Novak, U.; Furrer, H.; Tanaka, P. Y.; Besson, C.; Montoto, S.; Cwynarski, K.; Abramson, J. S.; Dalia, S.; Bibas, M.; Connors, J. M.; Furman, M.; Nguyen, M. L.; Cooley, T. P.; Beltran, B. E.; Collins, J. A.; Vose, J. M.; Xicoy, B.; Ribera, J. M.	no	no	no	yes	Cancer	yes
23595542	The epidemic of non-Hodgkin lymphoma in the United States: disentangling the effect of HIV, 1992-2009	Cancer Epidemiol Biomarkers Prev	Shiels, M. S.; Engels, E. A.; Linet, M. S.; Clarke, C. A.; Li, J.; Hall, H. I.; Hartge, P.; Morton, L. M.	no	no	no	yes	Cancer	yes
20653483	Cervical cancer screening among HIV-infected women in a health department setting	AIDS Patient Care STDS	Logan, J. L.; Khambaty, M. Q.; D'Souza, K. M.; Menezes, L. J.	no	yes	yes	yes	Cancer	no
20859159	Changes in knowledge of cervical cancer prevention and human papillomavirus among women with human	Obstet Gynecol	Massad, L. S.; Evans, C. T.; Weber, K. M.; Goderre, J. L.; Hessel, N. A.; Henry, D.; Colie, C.; Strickler,	no	no	no	yes	Cancer	yes

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	immunodeficiency virus		H. D.; Watts, D. H.; Wilson, T. E.						
19003664	Correlation of cervical cytology and visual inspection with acetic acid in HIV-positive women	J Obstet Gynaecol	Akinwuntan, A. L.; Adesina, O. A.; Okolo, C. A.; Oluwasola, O. A.; Oladokun, A.; Ifemeje, A. A.; Adewole, I. F.	no	no	no	yes	Cancer	no
22267344	Perceptions of HPV and cervical cancer among Haitian immigrant women: implications for vaccine acceptability	Educ Health (Abingdon)	Kobetz, E.; Menard, J.; Hazan, G.; Koru-Sengul, T.; Joseph, T.; Nissan, J.; Barton, B.; Blanco, J.; Kornfeld, J.	yes	yes	no	yes	Cancer	no
22736272	The risk of hepatocellular carcinoma among individuals with acquired immunodeficiency syndrome in the United States	Cancer	Sahasrabuddhe, V. V.; Shiels, M. S.; McGlynn, K. A.; Engels, E. A.	no	no	no	yes	Cancer	yes
18669717	Cervical intraepithelial neoplasia grade 2 or worse in human immunodeficiency virus-infected women with mildly abnormal cervical cytology	Obstet Gynecol	Boardman, L. A.; Cotter, K.; Raker, C.; Cu-Uvin, S.	no	no	yes	yes	Cancer	yes
21339382	Evaluation of the addition of rituximab to CODOX-M/IVAC for Burkitt's lymphoma: a retrospective analysis	Ann Oncol	Barnes, J. A.; Lacasce, A. S.; Feng, Y.; Toomey, C. E.; Neuberg, D.; Michaelson, J. S.; Hochberg, E. P.; Abramson, J. S.	no	no	no	yes	Cancer	no
22011239	Minimally abnormal Pap testing and cervical	J Womens Health	Curry, C. L.; Sage, Y. H.; Vragovic, O.;	no	no	no	yes	Cancer	no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	histology in HIV-infected women	(Larchmt)	Stier, E. A.						
20605046	Outcomes after an excisional procedure for cervical intraepithelial neoplasia in HIV-infected women	Gynecol Oncol	Reimers, L. L.; Sotardi, S.; Daniel, D.; Chiu, L. G.; Van Arsdale, A.; Wieland, D. L.; Leider, J. M.; Xue, X.; Strickler, H. D.; Garry, D. J.; Goldberg, G. L.; Einstein, M. H.	no	no	no	yes	Cancer	no
17415113	Outcomes after treatment of cervical intraepithelial neoplasia among women with HIV	J Low Genit Tract Dis	Massad, L. S.; Fazzari, M. J.; Anastos, K.; Klein, R. S.; Minkoff, H.; Jamieson, D. J.; Duerr, A.; Celentano, D.; Gange, S.; Cu-Uvin, S.; Young, M.; Watts, D. H.; Levine, A. M.; Schuman, P.; Harris, T. G.; Strickler, H. D.	no	no	no	yes	Cancer	no
15914552	Rituximab does not improve clinical outcome in a randomized phase 3 trial of CHOP with or without rituximab in patients with HIV-associated non-Hodgkin lymphoma: AIDS-Malignancies Consortium Trial 010	Blood	Kaplan, L. D.; Lee, J. Y.; Ambinder, R. F.; Sparano, J. A.; Cesarman, E.; Chadburn, A.; Levine, A. M.; Scadden, D. T.	no	no	no	yes	Cancer	no
22308010	Rituximab in combination with chemotherapy versus chemotherapy alone in HIV-associated	Am J Hematol	Castillo, J. J.; Echenique, I. A.	no	no	no	yes	Cancer	no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	non-Hodgkin lymphoma: a pooled analysis of 15 prospective studies								
18760524	Surgical management of cervical intraepithelial neoplasia in HIV-infected women	Eur J Obstet Gynecol Reprod Biol	Foulot, H.; Heard, I.; Potard, V.; Costagliola, D.; Chapron, C.	no	no	no	yes	Cancer	no
15875183	Decreased number of granzyme B+ activated CD8+ cytotoxic T lymphocytes in the inflammatory background of HIV-associated Hodgkin's lymphoma	Ann Hematol	Bosch Princep, R.; Lejeune, M.; Salvado Usach, M. T.; Jaen Martinez, J.; Pons Ferre, L. E.; Alvaro Naranjo, T.	no	no	no	no	Cancer	yes
21139489	The effect of HAART and calendar period on Kaposi's sarcoma and non-Hodgkin lymphoma: results of a match between an AIDS and cancer registry	Aids	Pipkin, S.; Scheer, S.; Okeigwe, I.; Schwarcz, S.; Harris, D. H.; Hessel, N. A.	no	no	no	no	Cancer	yes
23332770	Outcome of hepatocellular carcinoma in human immunodeficiency virus-infected patients	Dig Liver Dis	Gramenzi, A.; Tedeschi, S.; Cantarini, M. C.; Erroi, V.; Tumietto, F.; Attard, L.; Calza, L.; Foschi, F. G.; Caraceni, P.; Pavoni, M.; Cucchetti, A.; Bernardi, M.; Viale, P.; Verucchi, G.; Trevisani, F.	no	no	no	no	Cancer	yes
20861396	Trends in Kaposi's sarcoma survival disparities in the United States: 1980 through 2004	Cancer Epidemiol Biomarkers Prev	Datta, G. D.; Kawachi, I.; Delpierre, C.; Lang, T.; Grosclaude, P.	no	no	no	no	Cancer	yes

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23079809	Disparities in the treatment and outcomes of lung cancer among HIV-infected individuals	Aids	Suneja, G.; Shiels, M. S.; Melville, S. K.; Williams, M. A.; Rengan, R.; Engels, E. A.	no	no	no	no	Cancer	yes
24220684	Do HIV-infected non-small cell lung cancer patients receive guidance-concordant care?	Med Care	Lee, J. Y.; Moore, P. C.; Steliga, M. A.	no	no	no	no	Cancer	yes
26077242	Elevated Cancer-Specific Mortality Among HIV-Infected Patients in the United States	J Clin Oncol	Coghill, A. E.; Shiels, M. S.; Suneja, G.; Engels, E. A.	no	no	no	no	Cancer	yes
22422679	Evaluation of the impact of HIV serostatus, tobacco smoking and CD4 counts on epidermoid anal cancer survival	Int J STD AIDS	Linam, J. M.; Chand, R. R.; Broudy, V. C.; Liu, K. C.; Back, A. L.; Lin, E. H.; Patel, S. A.	no	no	no	no	Cancer	yes
22697293	High survivin expression as a risk factor in patients with anal carcinoma treated with concurrent chemoradiotherapy	Radiat Oncol	Fraunholz, I.; Rodel, C.; Distel, L.; Rave-Frank, M.; Kohler, D.; Falk, S.; Rodel, F.	no	no	no	no	Cancer	yes
21160411	Mortality after cancer diagnosis in HIV-infected individuals treated with antiretroviral therapy	Aids	Achenbach, C. J.; Cole, S. R.; Kitahata, M. M.; Casper, C.; Willig, J. H.; Mugavero, M. J.; Saag, M. S.	no	no	no	no	Cancer	yes
18332290	Ongoing improvement in outcomes for patients diagnosed as having Non-Hodgkin lymphoma from the 1990s to the	Arch Intern Med	Pulte, D.; Gondos, A.; Brenner, H.	no	no	no	no	Cancer	yes



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	early 21st century								
20526793	Primary CNS lymphoma in HIV positive and negative patients: comparison of clinical characteristics, outcome and prognostic factors	J Neurooncol	Bayraktar, S.; Bayraktar, U. D.; Ramos, J. C.; Stefanovic, A.; Lossos, I. S.	no	no	no	no	Cancer	yes
20023215	Rituximab plus concurrent infusional EPOCH chemotherapy is highly effective in HIV-associated B-cell non-Hodgkin lymphoma	Blood	Sparano, J. A.; Lee, J. Y.; Kaplan, L. D.; Levine, A. M.; Ramos, J. C.; Ambinder, R. F.; Wachsman, W.; Aboulafia, D.; Noy, A.; Henry, D. H.; Von Roenn, J.; Dezube, B. J.; Remick, S. C.; Shah, M. H.; Leichman, L.; Ratner, L.; Cesarman, E.; Chadburn, A.; Mitsuyasu, R.	no	no	no	no	Cancer	yes
22112600	Treatment of AIDS-related lymphomas: rituximab is beneficial even in severely immunosuppressed patients	Aids	Wyen, C.; Jensen, B.; Hentrich, M.; Siehl, J.; Sabranski, M.; Esser, S.; Gillor, D.; Muller, M.; Van Lunzen, J.; Wolf, T.; Bogner, J. R.; Wasmuth, J. C.; Christ, H.; Fatkenheuer, G.; Hoffmann, C.	no	no	no	no	Cancer	yes
19203845	Outcomes of chemoradiotherapy with 5-Fluorouracil and mitomycin C for anal cancer in immunocompetent	Int J Radiat Oncol Biol Phys	Seo, Y.; Kinsella, M. T.; Reynolds, H. L.; Chipman, G.; Remick, S. C.; Kinsella, T. J.	no	no	no	no	Cancer	yes

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	versus immunodeficient patients								
16280699	Predictors of mortality for patients with advanced disease in an HIV palliative care program	J Acquir Immune Defic Syndr	Shen, J. M.; Blank, A.; Selwyn, P. A.	no	no	no	no	Cancer, pneumonia	yes
24121754	High risk of obesity and weight gain for HIV-infected uninsured minorities	J Acquir Immune Defic Syndr	Taylor, B. S.; Liang, Y.; Garduno, L. S.; Walter, E. A.; Gerardi, M. B.; Anstead, G. M.; Bullock, D.; Turner, B. J.	no	no	no	yes	Cardiovascular disease	yes
16914390	Heart positive: design of a randomized controlled clinical trial of intensive lifestyle intervention, niacin and fenofibrate for HIV lipodystrophy/dyslipidemia	Contemp Clin Trials	Samson, S. L.; Pownall, H. J.; Scott, L. W.; Ballantyne, C. M.; Smith, E. O.; Sekhar, R. V.; Balasubramanyam, A.	no	no	no	yes	Cardiovascular disease	no
25324353	HIV infection and cardiovascular disease in women	J Am Heart Assoc	Womack, J. A.; Chang, C. C.; So-Armah, K. A.; Alcorn, C.; Baker, J. V.; Brown, S. T.; Budoff, M.; Butt, A. A.; Gibert, C.; Goetz, M. B.; Gottdiener, J.; Gottlieb, S.; Justice, A. C.; Leaf, D.; McGinnis, K.; Rimland, D.; Rodriguez-Barradas, M. C.; Sico, J.; Skanderson, M.; Tindle, H.; Tracy, R. P.; Warner, A.	no	no	no	yes	Cardiovascular disease	yes

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			Freiberg, M. S.						
22942209	Underutilization of aspirin for primary prevention of cardiovascular disease among HIV-infected patients	Clin Infect Dis	Burkholder, G. A.; Tamhane, A. R.; Salinas, J. L.; Mugavero, M. J.; Raper, J. L.; Westfall, A. O.; Saag, M. S.; Willig, J. H.	no	no	no	yes	Cardiovascular disease	no
21565796	Combination of niacin and fenofibrate with lifestyle changes improves dyslipidemia and hypoadiponectinemia in HIV patients on antiretroviral therapy: results of 'heart positive,' a randomized, controlled trial	J Clin Endocrinol Metab	Balasubramanyam, A.; Coraza, I.; Smith, E. O.; Scott, L. W.; Patel, P.; Iyer, D.; Taylor, A. A.; Giordano, T. P.; Sekhar, R. V.; Clark, P.; Cuevas-Sanchez, E.; Kamble, S.; Ballantyne, C. M.; Pownall, H. J.	no	no	no	yes	Cardiovascular disease	yes
22762716	Comparison of in-hospital mortality from acute myocardial infarction in HIV seropositive versus seronegative individuals	Am J Cardiol	Pearce, D.; Ani, C.; Espinosa-Silva, Y.; Clark, R.; Fatima, K.; Rahman, M.; Diebolt, E.; Ovbiagele, B.	no	no	no	yes	Cardiovascular disease	yes
20597691	Low CD4+ T cell count is a risk factor for cardiovascular disease events in the HIV outpatient study	Clin Infect Dis	Lichtenstein, K. A.; Armon, C.; Buchacz, K.; Chmiel, J. S.; Buckner, K.; Tedaldi, E. M.; Wood, K.; Holmberg, S. D.; Brooks, J. T.	no	no	no	yes	Cardiovascular disease	yes
18620492	Peripheral arterial disease in HIV patients older than 50 years of age	AIDS Res Hum Retroviruses	Palacios, R.; Alonso, I.; Hidalgo, A.; Aguilar, I.; Sanchez, M. A.; Valdivielso, P.; Gonzalez-Santos, P.;	no	no	no	yes	Cardiovascular disease	yes

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			Santos, J.						
24870935	Severity of cardiovascular disease outcomes among patients with HIV is related to markers of inflammation and coagulation	J Am Heart Assoc	Nordell, A. D.; McKenna, M.; Borges, A. H.; Duprez, D.; Neuhaus, J.; Neaton, J. D.	no	no	no	yes	Cardiovascular disease	yes
104175579. Language:	Hospitalizations for Cardiovascular Disease in African Americans and Whites with HIV/AIDS	Population Health Management	Oramasionwu, Christine U.; Morse, Gene D.; Lawson, Kenneth A.; Brown, Carolyn M.; Koeller, Jim M.; Frei, Christopher R.	no	no	no	yes	Cardiovascular disease	yes
26358261	Depression and human immunodeficiency virus infection are risk factors for incident heart failure among veterans: Veterans Aging Cohort Study	Circulation	White, J. R.	no	no	no	yes	Cardiovascular disease	yes
23386631	Effect of statin therapy in reducing the risk of serious non-AIDS-defining events and nonaccidental death	Clin Infect Dis	Overton, E. T.; Kitch, D.; Benson, C. A.; Hunt, P. W.; Stein, J. H.; Smurzynski, M.; Ribaldo, H. J.; Tebas, P.	no	no	no	yes	Cardiovascular disease	yes
105434102. Language:	Efficacy and safety of atazanavir-ritonavir plus abacavir-lamivudine or tenofovir-emtricitabine in patients with hyperlipidaemia switched from a stable protease inhibitor-based regimen including one thymidine	AIDS Patient Care & STDs	Calza, L.; Manfredi, R.; Colangeli, V.; Pocaterra, D.; Rossetti, N.; Pavoni, M.; Chiodo, F.	no	no	no	yes	Cardiovascular disease	no

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	analogue								
22866506	Cardiovascular health of HIV-infected African-American women at the Miriam Hospital Immunology Center in Providence, RI	Med Health R I	Zachary, D.; Gillani, F. S.; Najfi, N.; Casarella, R.; Tashima, K.	no	no	no	yes	Cardiovascular disease	no
25588033	HIV infection, cardiovascular disease risk factor profile, and risk for acute myocardial infarction	J Acquir Immune Defic Syndr	Paisible, A. L.; Chang, C. C.; So-Armah, K. A.; Butt, A. A.; Leaf, D. A.; Budoff, M.; Rimland, D.; Bedimo, R.; Goetz, M. B.; Rodriguez-Barradas, M. C.; Crane, H. M.; Gibert, C. L.; Brown, S. T.; Tindle, H. A.; Warner, A. L.; Alcorn, C.; Skanderson, M.; Justice, A. C.; Freiberg, M. S.	no	no	no	yes	Cardiovascular disease	no
17453589	Protease inhibitors and cardiovascular disease: analysis of the Los Angeles County adult spectrum of disease cohort	AIDS Care	Vaughn, G.; Detels, R.	no	no	no	yes	Cardiovascular disease	no
22739396	Effects of rosuvastatin versus pravastatin on low-density lipoprotein diameter in HIV-1-infected patients receiving ritonavir-boosted protease inhibitor	Aids	Bittar, R.; Giral, P.; Aslangul, E.; Assoumou, L.; Valantin, M. A.; Kalmykova, O.; Federspiel, M. C.; Cherfils, C.; Costagliola, D.; Bonnefont-Rousselot,	no	no	no	yes	Cardiovascular disease	no

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			D.						
24065316	Prehypertension, hypertension, and the risk of acute myocardial infarction in HIV-infected and -uninfected veterans	Clin Infect Dis	Armah, K. A.; Chang, C. C.; Baker, J. V.; Ramachandran, V. S.; Budoff, M. J.; Crane, H. M.; Gibert, C. L.; Goetz, M. B.; Leaf, D. A.; McGinnis, K. A.; Oursler, K. K.; Rimland, D.; Rodriguez-Barradas, M. C.; Sico, J. J.; Warner, A. L.; Hsue, P. Y.; Kuller, L. H.; Justice, A. C.; Freiberg, M. S.	no	no	no	yes	Cardiovascular disease	no
16770290	Antiretroviral therapy in HIV-positive women is associated with increased apolipoproteins and total cholesterol	J Acquir Immune Defic Syndr	Rimland, D.; Guest, J. L.; Hernandez-Ramos, I.; Del Rio, C.; Le, N. A.; Brown, W. V.	no	no	no	yes	Cardiovascular disease	yes
20078196	Paraoxonase-1 gene haplotypes are associated with metabolic disturbances, atherosclerosis, and immunologic outcome in HIV-infected patients	J Infect Dis	Parra, S.; Marsillach, J.; Aragones, G.; Beltran, R.; Montero, M.; Coll, B.; Mackness, B.; Mackness, M.; Alonso-Villaverde, C.; Joven, J.; Camps, J.	no	no	no	yes	Cardiovascular disease	yes
20626901	Low cholesterol? Don't brag yet ... hypocholesterolemia blunts HAART effectiveness: a longitudinal study	J Int AIDS Soc	Miguez, M. J.; Lewis, J. E.; Bryant, V. E.; Rosenberg, R.; Burbano, X.; Fishman, J.; Asthana, D.; Duan, R.; Madhavan, N.;	no	no	no	yes	Cardiovascular disease	yes

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			Malow, R. M.						
16954725	Effects of a lifestyle modification program in HIV-infected patients with the metabolic syndrome	Aids	Fitch, K. V.; Anderson, E. J.; Hubbard, J. L.; Carpenter, S. J.; Waddell, W. R.; Caliendo, A. M.; Grinspoon, S. K.	yes	no	no	yes	Cardiovascular disease	no
22828718	Metabolic syndrome before and after initiation of antiretroviral therapy in treatment-naive HIV-infected individuals	J Acquir Immune Defic Syndr	Krishnan, S.; Schouten, J. T.; Atkinson, B.; Brown, T.; Wohl, D.; McComsey, G. A.; Glesby, M. J.; Shikuma, C.; Haubrich, R.; Tebas, P.; Campbell, T. B.; Jacobson, D. L.	no	no	no	yes	Cardiovascular disease	yes
25414089	Venous thromboembolism among HIV-positive patients and anticoagulation clinic outcomes integrated within the HIV primary care setting	Int J STD AIDS	Modi, R. A.	no	yes	no	yes	Cardiovascular disease	no
21450595	Are HIV patients undertreated? Cardiovascular risk factors in HIV: results of the HIV-HEART study	Eur J Prev Cardiol	Reinsch, N.; Neuhaus, K.; Esser, S.; Potthoff, A.; Hower, M.; Mostardt, S.; Neumann, A.; Brockmeyer, N. H.; Gelbrich, G.; Erbel, R.; Neumann, T.	no	no	no	yes	Cardiovascular disease	yes
21189273	Comparative Effectiveness and Toxicity of Statins Among HIV-Infected Patients	Clin Infect Dis	Singh, S.; Willig, J. H.; Mugavero, M. J.; Crane, P. K.; Harrington, R. D.;	no	no	no	yes	Cardiovascular disease	no

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			Knopp, R. H.; Kosel, B. W.; Saag, M. S.; Kitahata, M. M.; Crane, H. M.						
16218799	A randomized trial of the efficacy and safety of fenofibrate versus pravastatin in HIV-infected subjects with lipid abnormalities: AIDS Clinical Trials Group Study 5087	AIDS Res Hum Retroviruses	Aberg, J. A.; Zackin, R. A.; Brobst, S. W.; Evans, S. R.; Alston, B. L.; Henry, W. K.; Glesby, M. J.; Torriani, F. J.; Yang, Y.; Owens, S. I.; Fichtenbaum, C. J.	no	no	no	yes	Cardiovascular disease	no
21248273	Increasing incidence of ischemic stroke in patients with HIV infection	Neurology	Ovbiagele, B.; Nath, A.	no	no	no	no	Cardiovascular disease	yes
23604043	Validation of Medicaid Claims-based Diagnosis of Myocardial Infarction Using an HIV Clinical Cohort	Medical Care	Brouwer, Emily S.; Napravnik, Sonia; Eron Jr, Joseph J.; Simpson Jr, Ross J.; Brookhart, M. Alan; Stalzer, Brant; Vinikoor, Michael; Floris-Moore, Michelle; StÅ¼rmer, Til	no	no	no	no	Cardiovascular disease	yes
23062726	Validation of the Registry to Evaluate Early and Long-Term Pulmonary Arterial Hypertension Disease Management (REVEAL) pulmonary hypertension prediction model in a unique population and utility in the prediction of long-term survival	J Heart Lung Transplant	Cogswell, R.; Kobashigawa, E.; McGlothlin, D.; Shaw, R.; De Marco, T.	no	no	no	no	Cardiovascular disease	yes



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16630034	The use of the Framingham equation to predict myocardial infarctions in HIV-infected patients: comparison with observed events in the D:A:D Study	HIV Med	Law, M. G.; Friis-Moller, N.; El-Sadr, W. M.; Weber, R.; Reiss, P.; D'Arminio Monforte, A.; Thiebaut, R.; Morfeldt, L.; De Wit, S.; Pradier, C.; Calvo, G.; Kirk, O.; Sabin, C. A.; Phillips, A. N.; Lundgren, J. D.	no	no	no	no	Cardiovascular disease	yes
19515371	Lipoprotein particle subclasses, cardiovascular disease and HIV infection	Atherosclerosis	Duprez, D. A.; Kuller, L. H.; Tracy, R.; Otvos, J.; Cooper, D. A.; Hoy, J.; Neuhaus, J.; Paton, N. I.; Friis-Moller, N.; Lampe, F.; Liappis, A. P.; Neaton, J. D.	no	no	no	no	Cardiovascular disease	yes
23651103	Metabolic syndrome predicts all-cause mortality in persons with human immunodeficiency virus	AIDS Patient Care STDS	Jarrett, O. D.; Wanke, C. A.; Ruthazer, R.; Bica, I.; Isaac, R.; Knox, T. A.	no	no	no	no	Cardiovascular disease	yes
21251183	Rates of cardiovascular disease following smoking cessation in patients with HIV infection: results from the D:A:D study(*)	HIV Med	Petoumenos, K.; Worm, S.; Reiss, P.; de Wit, S.; d'Arminio Monforte, A.; Sabin, C.; Friis-Moller, N.; Weber, R.; Mercie, P.; Pradier, C.; El-Sadr, W.; Kirk, O.; Lundgren, J.; Law, M.	no	no	no	no	Cardiovascular disease	yes
22313955	Association of tenofovir exposure with kidney disease risk in HIV infection	Aids	Scherzer, R.; Estrella, M.; Li, Y.; Choi, A. I.; Deeks, S. G.; Grunfeld, C.; Shlipak,	no	no	no	yes	Cardiovascular disease, substance abuse	no

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			M. G.						
25173116	Outcomes of patients with human immunodeficiency virus infection undergoing cardiovascular surgery in the United States	J Thorac Cardiovasc Surg	Robich, M. P.; Schiltz, N.; Johnston, D. R.; Mick, S.; Tse, W.; Koch, C.; Soltesz, E. G.	no	no	no	yes	Cardiovascular disease, substance abuse	no
24637542	HIV protease inhibitor exposure predicts cerebral small vessel disease	Aids	Soontornniyomkij, V.; Umlauf, A.; Chung, S. A.; Cochran, M. L.; Soontornniyomkij, B.; Gouaux, B.; Toperoff, W.; Moore, D. J.; Masliah, E.; Ellis, R. J.; Grant, I.; Achim, C. L.	no	no	no	yes	Cerebral small vessel disease	yes
103751175. Language:	Examining Associations Between Cognitive-Affective Vulnerability and HIV Symptom Severity, Perceived Barriers to Treatment Adherence, and Viral Load Among HIV-Positive Adults	International Journal of Behavioral Medicine	Leyro, Teresa; Vujanovic, Anka; Bonn-Miller, Marcel	no	yes	no	no	cognitive impairment	yes
18042509	Selegiline transdermal system (STS) for HIV-associated cognitive impairment: open-label report of ACTG 5090	HIV Clin Trials	Evans, S. R.; Yeh, T. M.; Sacktor, N.; Clifford, D. B.; Simpson, D.; Miller, E. N.; Ellis, R. J.; Valcour, V.; Marra, C. M.; Millar, L.; Schifitto, G.	no	no	no	yes	cognitive impairment	no
16840235	Timed Gait test: normative data for the assessment of the AIDS dementia complex	J Clin Exp Neuropsychol	Robertson, K. R.; Parsons, T. D.; Sidtis, J. J.; Hanlon Inman, T.; Robertson, W. T.;	no	no	no	yes	Cognitive impairment	no

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			Hall, C. D.; Price, R. W.						
17852582	Predictive validity of demographically adjusted normative standards for the HIV Dementia Scale	J Clin Exp Neuropsychol	Morgan, E. E.; Woods, S. P.; Scott, J. C.; Childers, M.; Beck, J. M.; Ellis, R. J.; Grant, I.; Heaton, R. K.	no	no	no	yes	Cognitive impairment	no
17721095	Memantine and HIV-associated cognitive impairment: a neuropsychological and proton magnetic resonance spectroscopy study	Aids	Schifitto, G.; Navia, B. A.; Yiannoutsos, C. T.; Marra, C. M.; Chang, L.; Ernst, T.; Jarvik, J. G.; Miller, E. N.; Singer, E. J.; Ellis, R. J.; Kolson, D. L.; Simpson, D.; Nath, A.; Berger, J.; Shriver, S. L.; Millar, L. L.; Colquhoun, D.; Lenkinski, R.; Gonzalez, R. G.; Lipton, S. A.	no	no	no	yes	Cognitive impairment	no
22067661	A randomized, double-blind, controlled study of NGX-4010, a capsaicin 8% dermal patch, for the treatment of painful HIV-associated distal sensory polyneuropathy	J Acquir Immune Defic Syndr	Clifford, D. B.; Simpson, D. M.; Brown, S.; Moyle, G.; Brew, B. J.; Conway, B.; Tobias, J. K.; Vanhove, G. F.	no	no	no	yes	Cognitive impairment	no
16271919	Nephrotic range proteinuria and CD4 count as noninvasive indicators of HIV-associated nephropathy	Am J Med	Atta, M. G.; Choi, M. J.; Longenecker, J. C.; Haymart, M.; Wu, J.; Nagajothi, N.; Racusen, L. C.; Scheel, P. J., Jr.; Brancati, F. L.; Fine, D. M.	no	no	no	yes	Cognitive impairment	no

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18154490	Spanish validation of the HIV dementia scale in women	AIDS Patient Care STDS	Wojna, V.; Skolasky, R. L.; McArthur, J. C.; Maldonado, E.; Hechavarría, R.; Mayo, R.; Selnes, O.; Ginebra, T.; de la Torre, T.; Garcia, H.; Kraiselburd, E.; Melendez-Guerrero, L. M.; Zorrilla, C. D.; Nath, A.	no	no	no	yes	Cognitive impairment	no
24135776	A brief and feasible paper-based method to screen for neurocognitive impairment in HIV-infected patients: the NEU screen	J Acquir Immune Defic Syndr	Munoz-Moreno, J. A.; Prats, A.; Perez-Alvarez, N.; Fumaz, C. R.; Garolera, M.; Doval, E.; Negredo, E.; Ferrer, M. J.; Clotet, B.	no	no	no	yes	Cognitive impairment	no
18844464	Nadir CD4 cell count predicts neurocognitive impairment in HIV-infected patients	AIDS Res Hum Retroviruses	Munoz-Moreno, J. A.; Fumaz, C. R.; Ferrer, M. J.; Prats, A.; Negredo, E.; Garolera, M.; Perez-Alvarez, N.; Molto, J.; Gomez, G.; Clotet, B.	no	no	no	yes	Cognitive impairment	yes
20509050	Psychometric evaluation of the functional assessment of HIV Infection (FAHI) questionnaire and its usefulness in clinical trials	Qual Life Res	Viala-Danten, M.; Dubois, D.; Gilet, H.; Martin, S.; Peeters, K.; Cella, D.	no	no	no	yes	Cognitive impairment	no
20400412	Memantine for AIDS dementia complex: open-label report of ACTG 301	HIV Clin Trials	Zhao, Y.; Navia, B. A.; Marra, C. M.; Singer, E. J.; Chang, L.; Berger, J.; Ellis, R. J.; Kolson, D. L.;	no	no	no	yes	Cognitive impairment	yes

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			Simpson, D.; Miller, E. N.; Lipton, S. A.; Evans, S. R.; Schifitto, G.						
108095547. Language:	Randomized trial of minocycline in the treatment of HIV-associated cognitive impairment	Neurology	Nakasujja, N.; Miyahara, S.; Evans, S.; Lee, A.; Musisi, S.; Katabira, E.; Robertson, K.; Ronald, A.; Clifford, D. B.; Sacktor, N.	no	no	no	yes	Cognitive impariment	yes
25201556	A history of alcohol dependence augments HIV-associated neurocognitive deficits in persons aged 60 and older	J Neurovirol	Gongvatana, A.; Morgan, E. E.; Iudicello, J. E.; Letendre, S. L.; Grant, I.; Woods, S. P.	no	no	no	yes	Cognitive impariment	no
17652642	A multicenter trial of selegiline transdermal system for HIV-associated cognitive impairment	Neurology	Schifitto, G.; Zhang, J.; Evans, S. R.; Sacktor, N.; Simpson, D.; Millar, L. L.; Hung, V. L.; Miller, E. N.; Smith, E.; Ellis, R. J.; Valcour, V.; Singer, E.; Marra, C. M.; Kolson, D.; Weihe, J.; Remmel, R.; Katzenstein, D.; Clifford, D. B.	no	no	no	yes	Cognitive impariment	no
24554483	An active lifestyle is associated with better neurocognitive functioning in adults living with HIV infection	J Neurovirol	Fazeli, P. L.; Woods, S. P.; Heaton, R. K.; Umlauf, A.; Gouaux, B.; Rosario, D.; Moore, R. C.; Grant, I.; Moore, D. J.	no	no	no	yes	Cognitive impariment	no
23111573	Concurrent classification accuracy of the HIV	J Acquir Immune	Sakamoto, M.; Marcotte, T. D.;	no	no	no	yes	Cognitive impariment	no

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	dementia scale for HIV-associated neurocognitive disorders in the CHARTER Cohort	Defic Syndr	Umlauf, A.; Franklin, D., Jr.; Heaton, R. K.; Ellis, R. J.; Letendre, S.; Alexander, T.; McCutchan, J. A.; Morgan, E. E.; Woods, S. P.; Collier, A. C.; Marra, C. M.; Clifford, D. B.; Gelman, B. B.; McArthur, J. C.; Morgello, S.; Simpson, D.; Grant, I.						
17950469	CSF proteomic fingerprints for HIV-associated cognitive impairment	J Neuroimmunol	Laspiur, J. P.; Anderson, E. R.; Ciborowski, P.; Wojna, V.; Rozek, W.; Duan, F.; Mayo, R.; Rodriguez, E.; Plaud-Valentin, M.; Rodriguez-Orengo, J.; Gendelman, H. E.; Melendez, L. M.	no	no	no	yes	Cognitive impairment	no
21900636	Minocycline treatment for HIV-associated cognitive impairment: results from a randomized trial	Neurology	Sacktor, N.; Miyahara, S.; Deng, L.; Evans, S.; Schifitto, G.; Cohen, B. A.; Paul, R.; Robertson, K.; Jarocki, B.; Scarsi, K.; Coombs, R. W.; Zink, M. C.; Nath, A.; Smith, E.; Ellis, R. J.; Singer, E.; Weihe, J.; McCarthy, S.; Hosey, L.; Clifford, D. B.	no	no	no	yes	Cognitive impairment	no
19937504	Modafinil effects on	J Clin Exp	McElhiney, M.;	no	no	no	yes	Cognitive	no

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	cognitive function in HIV+ patients treated for fatigue: a placebo controlled study	Neuropsychol	Rabkin, J.; Van Gorp, W.; Rabkin, R.					impariment	
22648011	Selective neurocognitive deficits and poor life functioning are associated with significant depressive symptoms in alcoholism-HIV infection comorbidity	Psychiatry Res	Sassoon, S. A.; Rosenbloom, M. J.; Fama, R.; Sullivan, E. V.; Pfefferbaum, A.	no	no	no	yes	Cognitive impariment	no
24378603	Visuospatial temporal order memory deficits in older adults with HIV infection	Cogn Behav Neurol	Woods, S. P.; Hoebel, C.; Pirogovsky, E.; Rooney, A.; Cameron, M. V.; Grant, I.; Gilbert, P. E.	no	no	no	yes	Cognitive impariment	no
25600199	Incidence and long-term outcomes of the human immunodeficiency virus neuroretinal disorder in patients with AIDS	Ophthalmology	Jabs, D. A.; Drye, L.; Van Natta, M. L.; Thorne, J. E.; Holland, G. N.	no	no	no	no	Cognitive impariment	yes
17065131	Lowest ever CD4 lymphocyte count (CD4 nadir) as a predictor of current cognitive and neurological status in human immunodeficiency virus type 1 infection--The Hawaii Aging with HIV Cohort	J Neurovirol	Valcour, V.; Yee, P.; Williams, A. E.; Shiramizu, B.; Watters, M.; Selnes, O.; Paul, R.; Shikuma, C.; Sacktor, N.	no	no	no	yes	Cognitive impariment	no
19441980	A phase II randomized trial of amphotericin B alone or combined with fluconazole in the treatment of HIV-associated cryptococcal	Clin Infect Dis	Pappas, P. G.; Chetchotisakd, P.; Larsen, R. A.; Manosuthi, W.; Morris, M. I.; Anekthananon, T.;	no	no	no	yes	Cryptococcal meningitis	yes

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	meningitis		Sungkanuparph, S.; Supparatpinyo, K.; Nolen, T. L.; Zimmer, L. O.; Kendrick, A. S.; Johnson, P.; Sobel, J. D.; Filler, S. G.						
23555970	Predictors of mortality and differences in clinical features among patients with Cryptococcosis according to immune status	PLoS One	Brizendine, K. D.; Baddley, J. W.; Pappas, P. G.	no	no	no	yes	Cryptococcosis	yes
24845948	Assessment of the efficacy and safety of pre-emptive anti-cytomegalovirus (CMV) therapy in HIV-infected patients with CMV viraemia	Int J STD AIDS	Mattioni, S.; Pavie, J.; Porcher, R.; Scieux, C.; Denis, B.; De Castro, N.; Simon, F.; Molina, J. M.	no	no	no	yes	Cytomegalovirus	yes
22265144	Clinical outcomes in patients with cytomegalovirus retinitis treated with ganciclovir implant	Am J Ophthalmol	Oktavec, K. C.; Nolan, K.; Brown, D. M.; Dunn, J. P.; Livingston, A. G.; Thorne, J. E.	no	no	no	yes	Cytomegalovirus	no
16258865	Incidence and prognosis of CMV disease in HIV-infected patients before and after introduction of combination antiretroviral therapy	Infection	Salzberger, B.; Hartmann, P.; Hanes, F.; Uyanik, B.; Cornely, O. A.; Wohrmann, A.; Fatkenheuer, G.	no	no	no	yes	Cytomegalovirus	no
23419804	Comparison of treatment regimens for cytomegalovirus retinitis in patients with AIDS in the era of highly active antiretroviral therapy	Ophthalmology	Jabs, D. A.; Ahuja, A.; Van Natta, M.; Dunn, J. P.; Yeh, S.	no	no	no	yes	Cytomegalovirus	no
25892019	Long-term Outcomes of	Ophthalmol	Jabs, D. A.; Ahuja, A.;	no	no	no	no	Cytomegalovirus	yes



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	Cytomegalovirus Retinitis in the Era of Modern Antiretroviral Therapy: Results from a United States Cohort	ogy	Van Natta, M. L.; Lyon, A. T.; Yeh, S.; Danis, R.					s	
22324292	Glycated Hemoglobin A(1c) as screening for diabetes mellitus in HIV-infected individuals	AIDS Patient Care STDS	Eckhardt, B. J.; Holzman, R. S.; Kwan, C. K.; Baghdadi, J.; Aberg, J. A.	no	no	no	yes	Diabetes	no
23446088	NGX-4010, a capsaicin 8% dermal patch, for the treatment of painful HIV-associated distal sensory polyneuropathy: results of a 52-week open-label study	Clin J Pain	Simpson, D. M.; Brown, S.; Tobias, J. K.; Vanhove, G. F.	no	no	no	yes	Distal sensory polyneuropathy	no
21851265	Impact of Tenofovir Versus Abacavir on HIV-Related Endothelial Dysfunction	AIDS Patient Care & STDs	Francisci, Daniela; Falcinelli, Emanuela; Belfiori, Barbara; Petito, Eleonora; Fierro, Tiziana; Baldelli, Franco; Gresele, Paolo	no	no	no	yes	Endothelial Dysfunction	no
21705396	Acupuncture and the relaxation response for treating gastrointestinal symptoms in HIV patients on highly active antiretroviral therapy	Acupunct Med	Chang, B. H.; Sommers, E.	no	no	no	yes	Gastrointestinal disease	no
25314249	Association of markers of hemostasis with death in HIV-infected women	J Acquir Immune Defic Syndr	Kiefer, E.; Hoover, D. R.; Shi, Q.; Kuniholm, M. H.; Augenbraun, M.; Cohen, M. H.; Golub, E. T.; Kaplan, R. C.; Liu, C.; Nowicki, M.; Tien, P.	no	no	no	no	Hemostasis	yes

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			C.; Tracy, R. P.; Anastos, K.						
105175989. Language:	Hepatitis B virus drug resistance in HIV-1-infected patients taking lamivudine-containing antiretroviral therapy	AIDS Patient Care & STDs	Wongprasit, P.; Manosuthi, W.; Kiertiburanakul, S.; Sungkanuparph, S.	no	no	no	yes	Hepatitis B	yes
24606220	Use of hepatitis B surface and 'e' antigen quantification during extensive treatment with tenofovir in patients co-infected with HIV-HBV	Liver Int	Boyd, A.; Maylin, S.; Gozlan, J.; Delaugerre, C.; Simon, F.; Girard, P. M.; Lacombe, K.	no	no	no	no	Hepatitis B	yes
24286128	Survival of HIV-positive individuals with hepatitis B and C infection in Michigan	Epidemiol Infect	Butt, Z. A.; Wilkins, M. J.; Hamilton, E.; Todem, D.; Gardiner, J. C.; Saeed, M.	no	no	no	yes	Hepatitis B, C	yes
15812611	Drug sharing among heroin networks: implications for HIV and hepatitis B and C prevention	AIDS Behav	Koester, S.; Glanz, J.; Baron, A.	no	no	no	yes	Hepatitis B, C	yes
25065513	Clinical outcomes of hepatitis B virus coinfection in a United States cohort of hepatitis C virus-infected patients	Hepatology	Kruse, R. L.; Kramer, J. R.; Tyson, G. L.; Duan, Z.; Chen, L.; El-Serag, H. B.; Kanwal, F.	no	no	no	no	Hepatitis B, C	yes
19682317	Longitudinal evaluation of viral interactions in treated HIV-hepatitis B co-infected patients with additional hepatitis C and D virus	J Viral Hepat	Boyd, A.; Lacombe, K.; Mialhes, P.; Gozlan, J.; Bonnard, P.; Molina, J. M.; Lascoux-Combe, C.; Serfaty, L.; Gault, E.; Desvarieux, M.; Girard, P. M.	no	no	no	no	Hepatitis B, C, D	yes
20205279	Predictors of loss of hepatitis B surface	World J Gastroenter	Psevdos, G., Jr.; Kim, J. H.; Suh, J. S.;	no	no	no	yes	Hepatitis C	no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	antigen in HIV-infected patients	ol	Sharp, V. L.						
16163639	Liver injury and changes in hepatitis C Virus (HCV) RNA load associated with protease inhibitor-based antiretroviral therapy for treatment-naive HCV-HIV-coinfected patients: lopinavir-ritonavir versus nelfinavir	Clin Infect Dis	Sherman, K. E.; Shire, N. J.; Cernohous, P.; Rouster, S. D.; Omachi, J. H.; Brun, S.; Da Silva, B.	no	no	no	yes	Hepatitis C	yes
22155913	Relative impact of ribavirin monitoring and HIV coinfection on sustained virological response in patients with chronic hepatitis C	Antivir Ther	Piedoux, S.; Monnet, E.; Piroth, L.; Montange, D.; Royer, B.; Thevenot, T.; Kantelip, J. P.; Di Martino, V.; Muret, P.	no	no	no	yes	Hepatitis C	yes
21376083	HCV RNA decline in the first 24 h exhibits high negative predictive value of sustained virologic response in HIV/HCV genotype 1 co-infected patients treated with peginterferon and ribavirin	Antiviral Res	Laufer, N.; Bolcic, F.; Rolon, M. J.; Martinez, A.; Reynoso, R.; Perez, H.; Salomon, H.; Cahn, P.; Quarleri, J.	no	no	no	yes	Hepatitis C	yes
17194480	Impact of peginterferon alpha-2b and ribavirin treatment on liver tissue in patients with HCV or HCV-HIV co-infection	J Infect	Sarmiento-Castro, R.; Horta, A.; Vasconcelos, O.; Coelho, H.; Mendez, J.; Tavares, A. P.; Seabra, J.; Duarte, M.; Chaves, L.; Fortes, O.; Recalde, C.; Ventura, A.; Pires, N.; Pinho, L.; Dias,	no	no	no	yes	Hepatitis C	yes

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			N.; Carneiro, F.						
18596682	Role of pegylated interferon-alpha-2a and ribavirin concentrations in sustained viral response in HCV/HIV-coinfected patients	Clin Pharmacol Ther	Lopez-Cortes, L. F.; Valera-Bestard, B.; Gutierrez-Valencia, A.; Ruiz-Valderas, R.; Jimenez, L.; Arizcorreta, A.; Terron, A.; Viciano, P.	no	no	no	yes	Hepatitis C	yes
18486266	Sexual transmission is associated with spontaneous HCV clearance in HIV-infected patients	J Hepatol	Shores, N. J.; Maida, I.; Soriano, V.; Nunez, M.	no	no	no	yes	Hepatitis C	yes
20921898	Sustained long-term antiviral maintenance therapy in HCV/HIV-coinfected patients (SLAM-C)	J Acquir Immune Defic Syndr	Sherman, K. E.; Andersen, J. W.; Butt, A. A.; Umbleja, T.; Alston, B.; Koziel, M. J.; Peters, M. G.; Sulkowski, M.; Goodman, Z. D.; Chung, R. T.	no	no	no	yes	Hepatitis C	yes
105904536. Language:	Predictors of treatment of hepatitis C virus (HCV) infection in drug users	Substance Abuse	Reed, C.; Stuver, S. O.; Tumilty, S.; Nunes, D.; Murray, J. E.; Graham, C. S.; Koziel, M. J.; Craven, D. E.; Skolnik, P. R.; Horsburgh, C. R., Jr.	no	no	no	yes	Hepatitis C	yes
25766991	TLR3 polymorphisms are associated with virologic response to hepatitis C virus (HCV) treatment in HIV/HCV coinfected patients	J Clin Virol	Torre 3rd, Peter and Hoffman, Howard J. and Springer, Gayle	no	no	no	yes	Hepatitis C	no
21900715	Effect of an induction period of pegylated interferon-alpha2a and	Antivir Ther	Tural, C.; Sola, R.; Alvarez, N. P.; Molto, J.; Sanchez, M.;	no	no	no	yes	Hepatitis C	no

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	ribavirin on early virological response in HIV-HCV-coinfected patients: results from the CORAL-2 study		Zamora, A. M.; Ornelas, A.; Laguno, M.; Gonzalez, J.; von Wichmann, M. A.; Tellez, M. J.; Paredes, R.; Clotet, B.						
22592094	Peginterferon alfa-2a plus ribavirin for HIV-HCV genotype 1 coinfecting patients: a randomized international trial	HIV Clin Trials	Rodriguez-Torres, M.; Slim, J.; Bhatti, L.; Sterling, R.; Sulkowski, M.; Hassanein, T.; Serrao, R.; Sola, R.; Bertasso, A.; Passet, S.; Stancic, S.	no	no	no	yes	Hepatitis C	no
25503739	Boceprevir and telaprevir-based regimens for the treatment of hepatitis C virus in HIV/HCV coinfecting patients	Eur J Gastroenterol Hepatol	Beste, L. A.; Green, P. K.; Ioannou, G. N.	no	no	no	yes	Hepatitis C	no
17659577	Clinical progression of hepatitis C virus-related chronic liver disease in human immunodeficiency virus-infected patients undergoing highly active antiretroviral therapy	Hepatology	Pineda, J. A.; Garcia-Garcia, J. A.; Aguilar-Guisado, M.; Rios-Villegas, M. J.; Ruiz-Morales, J.; Rivero, A.; del Valle, J.; Luque, R.; Rodriguez-Bano, J.; Gonzalez-Serrano, M.; Camacho, A.; Macias, J.; Grilo, I.; Gomez-Mateos, J. M.	no	no	no	yes	Hepatitis C	no
17349451	Cost-effectiveness of treatment for hepatitis C in an urban cohort co-infected with HIV	Am J Med	Campos, N. G.; Salomon, J. A.; Servoss, J. C.; Nunes, D. P.; Samet, A. L.	no	no	no	yes	Hepatitis C	no

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			J. H.; Freedberg, K. A.; Goldie, S. J.						
26196502	Daclatasvir plus Sofosbuvir for HCV in Patients Coinfected with HIV-1	N Engl J Med	Wyles, D. L.; Ruane, P. J.; Sulkowski, M. S.; Dieterich, D.; Luetkemeyer, A.; Morgan, T. R.; Sherman, K. E.; Dretler, R.; Fishbein, D.; Gathe, J. C., Jr.; Henn, S.; Hineostroza, F.; Huynh, C.; McDonald, C.; Mills, A.; Overton, E. T.; Ramgopal, M.; Rashbaum, B.; Ray, G.; Scarsella, A.; Yozviak, J.; McPhee, F.; Liu, Z.; Hughes, E.; Yin, P. D.; Noviello, S.; Ackerman, P.	no	no	no	yes	Hepatitis C	no
25467560	Efficacy and safety of 8 weeks versus 12 weeks of treatment with grazoprevir (MK-5172) and elbasvir (MK-8742) with or without ribavirin in patients with hepatitis C virus genotype 1 mono-infection and HIV/hepatitis C virus co-infection (C-WORTHY): a randomised, open-label phase 2 trial	Lancet	Sulkowski, M.; Hezode, C.; Gerstoft, J.; Vierling, J. M.; Mallolas, J.; Pol, S.; Kugelmas, M.; Murillo, A.; Weis, N.; Nahass, R.; Shibolet, O.; Serfaty, L.; Bourliere, M.; DeJesus, E.; Zuckerman, E.; Dutko, F.; Shaughnessy, M.; Hwang, P.; Howe, A. Y.; Wahl, J.;	no	no	no	yes	Hepatitis C	no

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			Robertson, M.; Barr, E.; Haber, B.						
18854330	Efficacy of pegylated interferon plus ribavirin treatment in HIV/hepatitis C virus co-infected patients receiving abacavir plus lamivudine or tenofovir plus either lamivudine or emtricitabine as nucleoside analogue backbone	J Antimicrob Chemother	Mira, J. A.; Lopez-Cortes, L. F.; Barreiro, P.; Tural, C.; Torres-Tortosa, M.; de Los Santos Gil, I.; Martin-Rico, P.; Rios-Villegas, M. J.; Hernandez-Burruezo, J. J.; Merino, D.; Lopez-Ruz, M. A.; Rivero, A.; Munoz, L.; Gonzalez-Serrano, M.; Collado, A.; Macias, J.; Viciana, P.; Soriano, V.; Pineda, J. A.	no	no	no	yes	Hepatitis C	no
25032989	Hepatitis C virus testing in adults living with HIV: a need for improved screening efforts	PLoS One	Yehia, B. R.; Herati, R. S.; Fleishman, J. A.; Gallant, J. E.; Agwu, A. L.; Berry, S. A.; Korthuis, P. T.; Moore, R. D.; Metlay, J. P.; Gebo, K. A.	no	no	no	yes	Hepatitis C	no
24438679	Impact of the peginterferon-alpha 2a and ribavirin plasma levels on viral kinetics and sustained virological response in genotype 1 HCV/HIV-co-infected patients with the unfavourable non-CC IL28B genotypes	J Viral Hepat	Torres-Cornejo, A.; Ruiz-Valderas, R.; Jimenez-Jimenez, L.; Abad-Molina, C.; Gutierrez-Valencia, A.; Viciana, P.; Lopez-Cortes, L. F.	no	no	no	yes	Hepatitis C	no
25038354	Sofosbuvir and ribavirin for hepatitis C in patients	Jama	Sulkowski, M. S.; Naggie, S.; Lalezari,	no	no	no	yes	Hepatitis C	no

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	with HIV coinfection		J.; Fessel, W. J.; Mounzer, K.; Shuhart, M.; Luetkemeyer, A. F.; Asmuth, D.; Gaggar, A.; Ni, L.; Svarovskaia, E.; Brainard, D. M.; Symonds, W. T.; Subramanian, G. M.; McHutchison, J. G.; Rodriguez-Torres, M.; Dieterich, D.						
17561878	The treatment of chronic hepatitis C in HIV-infected patients: a meta-analysis	HIV Med	Kim, A. I.; Dorn, A.; Bouajram, R.; Saab, S.	no	no	no	yes	Hepatitis C	no
20367803	Treatment of hepatitis C virus (HCV) infection in patients coinfecting with HIV in the HIV Outpatient Study (HOPS), 1999-2007	J Viral Hepat	Vellozzi, C.; Buchacz, K.; Baker, R.; Spradling, P. R.; Richardson, J.; Moorman, A.; Tedaldi, E.; Durham, M.; Ward, J.; Brooks, J. T.	no	no	no	yes	Hepatitis C	no
25706232	Virologic response following combined ledipasvir and sofosbuvir administration in patients with HCV genotype 1 and HIV co-infection	Jama	Osinusi, A.; Townsend, K.; Kohli, A.; Nelson, A.; Seamon, C.; Meissner, E. G.; Bon, D.; Silk, R.; Gross, C.; Price, A.; Sajadi, M.; Sidharthan, S.; Sims, Z.; Herrmann, E.; Hogan, J.; Teferi, G.; Talwani, R.; Proschan, M.; Jenkins, V.; Kleiner,	no	no	no	yes	Hepatitis C	no



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			D. E.; Wood, B. J.; Subramanian, G. M.; Pang, P. S.; McHutchison, J. G.; Polis, M. A.; Fauci, A. S.; Masur, H.; Kottlil, S.						
20622678	Women experience higher rates of adverse events during hepatitis C virus therapy in HIV infection: a meta-analysis	J Acquir Immune Defic Syndr	Bhattacharya, D.; Umbleja, T.; Carrat, F.; Chung, R. T.; Peters, M. G.; Torriani, F.; Andersen, J.; Currier, J. S.	no	no	no	yes	Hepatitis C	no
103940993. Language:	Therapeutic Potential of and Treatment with Boceprevir/Telaprevir-Based Triple-Therapy in HIV/Chronic Hepatitis C Co-Infected Patients in a Real-World Setting	AIDS Patient Care & STDs	Mandorfer, Mattias; Payer, Berit A.; Niederecker, Alexander; Lang, Gerold; Aichelburg, Maximilian C.; Strassl, Robert; Boesecke, Christoph; Rieger, Armin; Trauner, Michael; Peck-Radosavljevic, Markus; Reiberger, Thomas	no	no	no	yes	Hepatitis C	no
20163031	Treatment of chronic hepatitis C in patients with human immunodeficiency virus (HIV) with weekly peginterferon alpha-2b plus ribavirin: a multi-centred Belgian study	Acta Gastroenterol Belg	Michielsen, P.; Bottieau, E.; Van Vlierberghe, H.; Van Marck, E.; Vandemaele, E.; Denys, M.; Brasseur, J. P.; Popan, M.	no	no	no	yes	Hepatitis C	no
21526398	Comparison of FIB-4 and APRI in HIV-HCV	Dig Dis Sci	Shah, A. G.; Smith, P. G.; Sterling, R. K.	no	no	no	yes	Hepatitis C	no

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	coinfecting patients with normal and elevated ALT								
24717818	Rapid hepatitis C testing among persons at increased risk for infection--Wisconsin, 2012-2013	MMWR Morb Mortal Wkly Rep	Stockman, L. J.; Guilfoye, S. M.; Benoit, A. L.; Vergeront, J. M.; Davis, J. P.	no	no	no	yes	Hepatitis C	yes
25814041	Adherence to highly active antiretroviral therapy impact on clinical and economic outcomes for Medicaid enrollees with human immunodeficiency virus and hepatitis C coinfection	AIDS Care	Zhang, S.	no	no	yes	yes	Hepatitis C	yes
25706092	Ombitasvir, paritaprevir co-dosed with ritonavir, dasabuvir, and ribavirin for hepatitis C in patients co-infected with HIV-1: a randomized trial	Jama	Sulkowski, M. S.; Eron, J. J.; Wyles, D.; Trinh, R.; Lalezari, J.; Wang, C.; Slim, J.; Bhatti, L.; Gathe, J.; Ruane, P. J.; Elion, R.; Bredeek, F.; Brennan, R.; Blick, G.; Khatri, A.; Gibbons, K.; Hu, Y. B.; Fredrick, L.; Schnell, G.; Pilot-Matias, T.; Tripathi, R.; Da Silva-Tillmann, B.; McGovern, B.; Campbell, A. L.; Podsadecki, T.	no	no	no	yes	Hepatitis C	no
16251820	Provider assessment of eligibility for hepatitis C treatment in HIV-infected homeless and marginally	Aids	Thompson, V. V.; Ragland, K. E.; Hall, C. S.; Morgan, M.; Bangsberg, D. R.	no	no	no	yes	Hepatitis C	no

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	housed persons								
17166077	Outcomes of Project Wall Talk: an HIV/AIDS peer education program implemented within the Texas State Prison system	AIDS Educ Prev	Ross, M. W.; Harzke, A. J.; Scott, D. P.; McCann, K.; Kelley, M.	yes	no	no	yes	Hepatitis C	no
22510354	Extended therapy with pegylated interferon and weight-based ribavirin for HCV-HIV coinfectd patients	HIV Clin Trials	Chung, R. T.; Umbleja, T.; Chen, J. Y.; Andersen, J. W.; Butt, A. A.; Sherman, K. E.	no	no	no	yes	Hepatitis C	yes
22471341	Outcome of HCV/HIV-coinfectd liver transplant recipients: a prospective and multicenter cohort study	Am J Transplant	Miro, J. M.; Montejo, M.; Castells, L.; Rafecas, A.; Moreno, S.; Agüero, F.; Abradelo, M.; Miralles, P.; Torre-Cisneros, J.; Pedreira, J. D.; Cordero, E.; de la Rosa, G.; Moyano, B.; Moreno, A.; Perez, I.; Rimola, A.	no	no	no	yes	Hepatitis C	yes
23396734	Response predictors and clinical benefits of hepatitis C retreatment with pegylated interferon and ribavirin in HIV/HCV coinfection	Ann Hepatol	Peribanez-Gonzalez, M.; da Silva, M. H.; Vilar, F. C.; Seixas-Santos Nastro, A. C.; Ferreira, P. A.; Focaccia, R.; Mendes Correa, M. C.	no	no	no	yes	Hepatitis C	yes
24065317	A 24-week treatment strategy with pegylated interferon/ribavirin in HIV/hepatitis C virus genotype 3-coinfectd patients who achieved a	Clin Infect Dis	Rivero-Juarez, A.; Lopez-Cortes, L. F.; Camacho, A.; Mira, J. A.; Tellez, F.; Marquez, M.; Merino, D.; Pineda, J. A.;	no	no	no	yes	Hepatitis C	no

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	rapid virologic response results in a high sustained virologic response rate		Rivero, A.						
25041708	Acoustic Radiation Force Impulse (ARFI) and Transient Elastography (TE) for evaluation of liver fibrosis in HIV-HCV co-infected patients	BMC Infect Dis	Frulio, N.; Trillaud, H.; Perez, P.; Asselineau, J.; Vandenhende, M.; Hessamfar, M.; Bonnet, F.; Maire, F.; Delaune, J.; De Ledinghen, V.; Morlat, P.	no	no	no	yes	Hepatitis C	no
24334180	Addition of nitazoxanide to PEG-IFN and ribavirin to improve HCV treatment response in HIV-1 and HCV genotype 1 coinfecting persons naive to HCV therapy: results of the ACTG A5269 trial	HIV Clin Trials	Amorosa, V. K.; Luetkemeyer, A.; Kang, M.; Johnson, V. A.; Umbleja, T.; Haas, D. W.; Yesmin, S.; Bardin, M. C.; Chung, R. T.; Alston-Smith, B.; Tebas, P.; Peters, M. G.	no	no	no	yes	Hepatitis C	no
26181704	Brief Report: Reduced Cell-Associated HTLV-2 DNA in Antiretroviral Treated HIV-1-HCV-Coinfected Patients Who Either Received Interferon-alpha/Ribavirin-Based Hepatitis C Therapy or Had Spontaneous HCV RNA Clearance	J Acquir Immune Defic Syndr	Abad-Fernandez, M.; Drona, F.; Moreno, A.; Casado, J. L.; Perez-Elias, M. J.; Quereda, C.; Moreno, S.; Vallejo, A.	no	no	no	yes	Hepatitis C	no
22734850	Course of liver fibrosis in HIV-hepatitis C virus-coinfecting patients depending on the response to hepatitis C	AIDS Res Hum Retroviruse s	Carton, J. A.; Collazos, J.; de la Fuente, B.; Asensi, V.	no	no	no	yes	Hepatitis C	no

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	therapy								
17316873	Effect of hepatitis C virus treatment in fibrosis progression rate (FPR) and time to cirrhosis (TTC) in patients co-infected with human immunodeficiency virus: a paired liver biopsy study	J Hepatol	Rodriguez-Torres, M.; Rodriguez-Orengo, J. F.; Rios-Bedoya, C. F.; Fernandez-Carbia, A.; Marxuach-Cuetara, A. M.; Lopez-Torres, A.; Jimenez-Rivera, J.	no	no	no	yes	Hepatitis C	no
20101190	HIV/Hepatitis C virus-coinfected virologic responders to pegylated interferon and ribavirin therapy more frequently incur interferon-related adverse events than nonresponders do	J Acquir Immune Defic Syndr	Osinusi, A.; Rasimas, J. J.; Bishop, R.; Proschan, M.; McLaughlin, M.; Murphy, A.; Cortez, K. J.; Polis, M. A.; Masur, H.; Rosenstein, D.; Kottlilil, S.	no	no	no	yes	Hepatitis C	no
22563020	Impact of peginterferon alpha and ribavirin treatment on lipid profiles and insulin resistance in Hepatitis C virus/HIV-coinfected persons: the AIDS Clinical Trials Group A5178 Study	Clin Infect Dis	Butt, A. A.; Umbleja, T.; Andersen, J. W.; Sherman, K. E.; Chung, R. T.	no	no	no	yes	Hepatitis C	no
21781946	Influence of interferon-based therapy on liver fibrosis progression in HIV/HCV coinfecting patients: a retrospective repeated liver biopsy analysis	J Hepatol	Ingiliz, P.; Valantin, M. A.; Preziosi, P.; Finzi, L.; Pais, R.; Fedchuk, L.; Dominguez, S.; Katlama, C.; Poynard, T.; Benhamou, Y.	no	no	no	yes	Hepatitis C	no
15986873	Pegylated interferon alpha-2a with or without ribavirin in HCV/HIV	Dig Dis Sci	Khalili, M.; Bernstein, D.; Lentz, E.; Barylski, C.; Hoffman-Terry, M.	no	no	no	yes	Hepatitis C	no

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	coinfection: partially blinded, randomized multicenter trial								
15688281	Pilot study of low-dose interleukin-2, pegylated interferon-alpha 2b, and ribavirin for the treatment of hepatitis C virus infection in patients with HIV infection	J Infect Dis	Glesby, M. J.; Bassett, R.; Alston-Smith, B.; Fichtenbaum, C.; Jacobson, E. L.; Brass, C.; Owens, S.; Sulkowski, M.; Race, E. M.; Sherman, K. E.	no	no	no	yes	Hepatitis C	no
16706615	Poor response to hepatitis C virus (HCV) therapy in HIV- and HCV-coinfected patients is not due to lower adherence to treatment	AIDS Res Hum Retroviruses	Sola, R.; Galeras, J. A.; Montoliu, S.; Tural, C.; Force, L.; Torra, S.; Montull, S.; Castro, E. R.; Coll, S.; Fuster, D.; Barrufet, P.; Sirera, G.; Gimenez, M. D.; Clotet, B.; Planas, R.	no	no	no	yes	Hepatitis C	no
23873217	The association of cytopenias and weight loss with hepatitis C virus virologic response in HIV/HCV-coinfected patients treated with PEG-IFN and RBV	J Int Assoc Provid AIDS Care	Slim, J.; Mildvan, D.; Han, J.; Korner, E.	no	no	no	yes	Hepatitis C	no
24670522	The cost-effectiveness of improved hepatitis C virus therapies in HIV/hepatitis C virus coinfecting patients	Aids	Linas, B. P.; Barter, D. M.; Leff, J. A.; DiLorenzo, M.; Schackman, B. R.; Horsburgh, C. R.; Assoumou, S. A.; Salomon, J. A.; Weinstein, M. C.; Kim, A. Y.; Freedberg, K. A.	no	no	no	yes	Hepatitis C	no

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25036553	The hepatitis C cascade of care among HIV infected patients: a call to address ongoing barriers to care	PLoS One	Cachay, E. R.; Hill, L.; Wyles, D.; Colwell, B.; Ballard, C.; Torriani, F.; Mathews, W. C.	no	yes	no	yes	Hepatitis C	no
23835502	The impact of interleukin 28B rs12979860 single nucleotide polymorphism and liver fibrosis stage on response-guided therapy in HIV/HCV-coinfected patients	Aids	Mandorfer, M.; Neukam, K.; Reiberger, T.; Payer, B. A.; Rivero, A.; Puoti, M.; Boesecke, C.; Baumgarten, A.; Grzeszczuk, A.; Zangerle, R.; Meyer-Olson, D.; Rockstroh, J. K.; Trauner, M.; Pineda, J. A.; Peck-Radosavljevic, M.	no	no	no	yes	Hepatitis C	no
20167995	The influence of abacavir and other antiretroviral agents on virological response to HCV therapy among antiretroviral-treated HIV-infected patients	Antivir Ther	Amorosa, V. K.; Slim, J.; Mounzer, K.; Bruno, C.; Hoffman-Terry, M.; Dorey-Stein, Z.; Ferrara, T.; Kostman, J. R.; Lo Re, V., 3rd	no	no	no	yes	Hepatitis C	no
16970600	Zidovudine use but not weight-based ribavirin dosing impacts anaemia during HCV treatment in HIV-infected persons	J Viral Hepat	Alvarez, D.; Dieterich, D. T.; Brau, N.; Moorehead, L.; Ball, L.; Sulkowski, M. S.	no	no	no	yes	Hepatitis C	no
25791727	A National Study of Outcomes among HIV-Infected Kidney Transplant Recipients	J Am Soc Nephrol	Locke, J. E.	no	no	no	no	Hepatitis C	yes
20151840	Activation of CD8 T cells predicts progression of HIV infection in women coinfecting with hepatitis	J Infect Dis	Kovacs, A.; Karim, R.; Mack, W. J.; Xu, J.; Chen, Z.; Operskalski, E.;	no	no	no	no	Hepatitis C	yes

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	C virus		Frederick, T.; Landay, A.; Voris, J.; Spencer, L. S.; Young, M. A.; Tien, P. C.; Augenbraun, M.; Strickler, H. D.; Al-Harhi, L.						
19013829	Comorbidities and their impact on mortality in HCV and HCV-HIV-coinfected persons on dialysis	J Clin Gastroenterol	Butt, A. A.; Khan, U. A.; Skanderson, M.	no	no	no	no	Hepatitis C	yes
22534149	Mortality in hepatitis C virus-infected patients with a diagnosis of AIDS in the era of combination antiretroviral therapy	Clin Infect Dis	Branch, A. D.; Van Natta, M. L.; Vachon, M. L.; Dieterich, D. T.; Meinert, C. L.; Jabs, D. A.	no	no	no	no	Hepatitis C	yes
22328294	Outcomes of liver transplant recipients with hepatitis C and human immunodeficiency virus coinfection	Liver Transpl	Terrault, N. A.; Roland, M. E.; Schiano, T.; Dove, L.; Wong, M. T.; Poordad, F.; Ragni, M. V.; Barin, B.; Simon, D.; Olthoff, K. M.; Johnson, L.; Stosor, V.; Jayaweera, D.; Fung, J.; Sherman, K. E.; Subramanian, A.; Millis, J. M.; Slakey, D.; Berg, C. L.; Carlson, L.; Ferrell, L.; Stablein, D. M.; Odim, J.; Fox, L.; Stock, P. G.	no	no	no	no	Hepatitis C	yes
15851720	Hepatitis C augments cognitive deficits	Neurology	Cherner, M.; Letendre, S.; Heaton, R. W.; et al.	no	no	no	no	Hepatitis C	yes



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	associated with HIV infection and methamphetamine		R. K.; Durelle, J.; Marquie-Beck, J.; Gragg, B.; Grant, I.						
20458071	Hepatitis C seropositivity is not a risk factor for sensory neuropathy among patients with HIV	Neurology	Cherry, C. L.; Affandi, J. S.; Brew, B. J.; Creighton, J.; Djauzi, S.; Hooker, D. J.; Imran, D.; Kamarulzaman, A.; Kamerman, P.; McArthur, J. C.; Moore, R. D.; Price, P.; Smyth, K.; Tan, I. L.; Vanar, S.; Wadley, A.; Wesselingh, S. L.; Yuniastuti, E.	no	no	no	no	Hepatitis C	yes
24127691	Rates and predictors of response to anti-viral treatment for hepatitis C virus in HIV/HCV co-infection in a nationwide study of 619 patients	Aliment Pharmacol Ther	Ioannou, G. N.; Scott, J. D.; Yang, Y.; Green, P. K.; Beste, L. A.	no	no	no	no	Hepatitis C	yes
19842982	Meta-analysis: increased mortality associated with hepatitis C in HIV-infected persons is unrelated to HIV disease progression	Clin Infect Dis	Chen, T. Y.; Ding, E. L.; Seage III, G. R.; Kim, A. Y.	no	no	no	no	Hepatitis C	yes
24112091	Chronic hepatitis C virus infection is associated with all-cause and liver-related mortality in a cohort of HIV-infected patients with alcohol problems	Addiction	Fuster, D.; Cheng, D. M.; Quinn, E. K.; Nunes, D.; Saitz, R.; Samet, J. H.; Tsui, J. I.	no	no	no	no	Hepatitis C	yes
16044016	Effects of hepatitis C virus coinfection on	J Acquir Immune	Backus, L. I.; Phillips, B. R.; Boothroyd, D.	no	no	no	no	Hepatitis C	yes

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	survival in veterans with HIV treated with highly active antiretroviral therapy	Defic Syndr	B.; Mole, L. A.; Burgess, J.; Rigsby, M. O.; Chang, S. W.						
20946441	Evaluation of the possible influence of hepatitis C virus and liver fibrosis on HIV type 1 immunological and virological outcomes	HIV Med	Collazos, J.; Carton, J. A.; Asensi, V.	no	no	no	no	Hepatitis C	yes
23921611	Hepatitis C virus/HIV coinfection and responses to initial antiretroviral treatment	Aids	Hua, L.; Andersen, J. W.; Daar, E. S.; Glesby, M. J.; Hollabaugh, K.; Tierney, C.	no	no	no	no	Hepatitis C	yes
19609624	Race/ethnicity and risk of AIDS and death among HIV-infected patients with access to care	J Gen Intern Med	Silverberg, M. J.; Leyden, W.; Quesenberry, C. P., Jr.; Horberg, M. A.	no	no	no	no	Hepatitis C, mental health	yes
25848927	Injection Drug Use and Hepatitis C as Risk Factors for Mortality in HIV-Infected Individuals: The Antiretroviral Therapy Cohort Collaboration	J Acquir Immune Defic Syndr	May, M. T.; Justice, A. C.; Birnie, K.; Ingle, S. M.; Smit, C.; Smith, C.; Neau, D.; Guiguet, M.; Schwarze-Zander, C.; Moreno, S.; Guest, J. L.; Monforte, Ad; Tural, C.; Gill, M. J.; Bregenzer, A.; Kirk, O.; Saag, M.; Sterling, T. R.; Crane, H. M.; Sterne, J. A.	no	no	no	no	Hepatitis C, substance abuse	yes
20638118	Death rates in HIV-positive antiretroviral-naive patients with CD4 count greater than 350 cells per microl in	Lancet	Lodwick, R. K.; Sabin, C. A.; Porter, K.; Ledergerber, B.; van Sighem, A.; Cozzi-Lepri, A.; Khaykin, P.;	no	no	no	no	Hepatitis C, substance abuse	yes

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	Europe and North America: a pooled cohort observational study		Mocroft, A.; Jacobson, L.; De Wit, S.; Obel, N.; Castagna, A.; Wasmuth, J. C.; Gill, J.; Klein, M. B.; Gange, S.; Riera, M.; Mussini, C.; Gutierrez, F.; Touloumi, G.; Carrieri, P.; Guest, J. L.; Brockmeyer, N. H.; Phillips, A. N.						
16254546	The impact of highly active antiretroviral therapy and immunodeficiency on human papillomavirus infection of the oral cavity of human immunodeficiency virus-seropositive adults	Sex Transm Dis	Cameron, J. E.; Mercante, D.; O'Brien, M.; Gaffga, A. M.; Leigh, J. E.; Fidel, P. L., Jr.; Hagensee, M. E.	no	no	no	yes	Human papillomavirus	no
17148967	Effects of metformin and rosiglitazone in HIV-infected patients with hyperinsulinemia and elevated waist/hip ratio	Aids	Mulligan, K.; Yang, Y.; Winger, D. A.; Koletar, S. L.; Parker, R. A.; Alston-Smith, B. L.; Schouten, J. T.; Fielding, R. A.; Basar, M. T.; Grinspoon, S.	no	no	no	yes	Hyperinsulinemia	no
23277897	Improved immunogenicity with high-dose seasonal influenza vaccine in HIV-infected persons: a single-center, parallel, randomized trial	Ann Intern Med	McKittrick, N.; Frank, I.; Jacobson, J. M.; White, C. J.; Kim, D.; Kappes, R.; DiGiorgio, C.; Kenney, T.; Boyer, J.; Tebas, P.	no	no	no	yes	Influenza	yes
23947744	Campath induction in	Transpl Int	Vivanco, M.;	no	no	yes	yes	Kidney disease	yes

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	HCV and HCV/HIV-seropositive kidney transplant recipients		Friedmann, P.; Xia, Y.; Klair, T.; Marfo, K.; de Boccardo, G.; Greenstein, S.; Chapochnick-Friedmann, J.; Kinkhabwala, M.; Ajaimy, M.; Lubetzky, M. L.; Akalin, E.; Kayler, L. K.						
25015912	Rosuvastatin preserves renal function and lowers cystatin C in HIV-infected subjects on antiretroviral therapy: the SATURN-HIV trial	Clin Infect Dis	Longenecker, C. T.; Hileman, C. O.; Funderburg, N. T.; McComsey, G. A.	no	no	no	yes	Kidney disease	no
18176076	Observations on a cohort of HIV-infected patients undergoing native renal biopsy	Am J Nephrol	Berliner, A. R.; Fine, D. M.; Lucas, G. M.; Rahman, M. H.; Racusen, L. C.; Scheel, P. J.; Atta, M. G.	no	no	no	yes	Kidney disease	yes
21372250	Kidney tubular damage in the absence of glomerular defects in HIV-infected patients on highly active antiretroviral therapy	Nephrol Dial Transplant	Ando, M.; Yanagisawa, N.; Ajisawa, A.; Tsuchiya, K.; Nitta, K.	no	no	no	yes	Kidney disease	no
16686310	Survival experience of peritoneal dialysis patients with human immunodeficiency virus: a 17-year retrospective study	Adv Perit Dial	Khanna, R.; Tachopoulou, O. A.; Fein, P. A.; Chattopadhyay, J.; Avram, M. M.	no	no	no	no	Kidney disease	yes
22592587	Comorbid diabetes and the risk of progressive chronic kidney disease in	J Acquir Immune Defic Syndr	Medapalli, R. K.; Parikh, C. R.; Gordon, K.; Brown, S. T.; Butt,	no	no	no	yes	Kidney disease	yes

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	HIV-infected adults: data from the Veterans Aging Cohort Study		A. A.; Gibert, C. L.; Rimland, D.; Rodriguez-Barradas, M. C.; Chang, C. C.; Justice, A. C.; He, J. C.; Wyatt, C. M.						
20521408	The morbidity and mortality associated with kidney disease in an HIV-infected cohort in Puerto Rico	Ethn Dis	Mayor, A. M.; Dworkin, M.; Quesada, L.; Rios-Olivares, E.; Hunter-Mellado, R. F.	no	no	no	no	Kidney disease	yes
19133752	Assessment of ultrasound for use in detecting lipoatrophy in HIV-infected patients taking combination antiretroviral therapy	AIDS Patient Care STDS	Viskovic, K.; Richman, I.; Klasnic, K.; Hernandez, A.; Krolo, I.; Rutherford, G. W.; Romih, V.; Begovac, J.	no	no	no	yes	Lipoatrophy	no
17192148	Reconstructive treatment for antiretroviral-associated facial lipoatrophy: a prospective study comparing autologous fat and synthetic substances	AIDS Patient Care STDS	Negredo, E.; Higuera, C.; Adell, X.; Martinez, J. C.; Martinez, E.; Puig, J.; Fumaz, C. R.; Munoz-Moreno, J. A.; Perez-Alvarez, N.; Videla, S.; Estany, C.; Cinquegrana, D.; Gonzalez-Mestre, V.; Clotet, B.	no	no	no	yes	Lipoatrophy	no
109797635. Language:	RESEARCH AND PRACTICE. A Comparison of Liver Disease Mortality With HIV and Overdose Mortality Among Georgia Prisoners and Releasees: A 2-Decade Cohort Study of	American Journal of Public Health	Spaulding, Anne C.; Sharma, Akshay; Messina, Lauren C.; Zlotorynska, Maria; Miller, Lesley; Binswanger, Ingrid	no	no	no	yes	Liver disease	yes

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	Prisoners Incarcerated in 1991								
22820790	Relationship of liver disease stage and antiviral therapy with liver-related events and death in adults coinfecting with HIV/HCV	Jama	Limketkai, B. N.; Mehta, S. H.; Sutcliffe, C. G.; Higgins, Y. M.; Torbenson, M. S.; Brinkley, S. C.; Moore, R. D.; Thomas, D. L.; Sulkowski, M. S.	no	no	no	no	Liver disease	yes
25977266	High Cure Rate With 24 Weeks of Daclatasvir-Based Quadruple Therapy in Treatment-Experienced, Null-Responder Patients With HIV/Hepatitis C Virus Genotype 1/4 Coinfection: The ANRS HC30 QUADRIH Study	Clin Infect Dis	Piroth, L.	no	no	no	yes	Liver disease	no
22698023	Gender abuse, depressive symptoms, and HIV and other sexually transmitted infections among male-to-female transgender persons: a three-year prospective study	Am J Public Health	Nuttbrock, L.; Bockting, W.; Rosenblum, A.; Hwahng, S.; Mason, M.; Macri, M.; Becker, J.	no	no	no	yes	Mental health	yes
19722288	Screening for major depression in persons with HIV infection: the concurrent predictive validity of the Profile of Mood States Depression-Dejection Scale	Int J Methods Psychiatr Res	Patterson, K.; Young, C.; Woods, S. P.; Vigil, O.; Grant, I.; Atkinson, J. H.	no	no	no	yes	Mental health	yes
16338766	Effects of treated and	AIDS Care	Cook, J. A.; Grey, D.;	no	yes	no	yes	Mental health	no

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	untreated depressive symptoms on highly active antiretroviral therapy use in a US multi-site cohort of HIV-positive women		Burke-Miller, J.; Cohen, M. H.; Anastos, K.; Gandhi, M.; Richardson, J.; Wilson, T.; Young, M.						
16390890	Placebo-controlled trial of dehydroepiandrosterone (DHEA) for treatment of nonmajor depression in patients with HIV/AIDS	Am J Psychiatry	Rabkin, J. G.; McElhiney, M. C.; Rabkin, R.; McGrath, P. J.; Ferrando, S. J.	no	no	no	yes	Mental health	no
19753412	A brief survey of awareness of common health conditions, access to health services, and utilization of health services in limited-English-proficiency Hispanic/Latino adults	J Allied Health	Wolff, J.; Ellis, C.	no	no	no	yes	Mental health	no
50791842	Psychosocial Stressors of Families Affected by HIV/AIDS: Implications for Social Work Practice	Journal of HIV/AIDS & Social Services	Lichtenstein, Bronwen; Sturdevant, Marsha S.; Mujumdar, Anil A.	no	no	no	yes	Mental health	yes
104991042. Language:	Remote semantic memory for public figures in hiv infection, alcoholism, and their comorbidity	Alcoholism: Clinical & Experimental Research	Fama, R.	no	no	no	yes	Mental health	yes
22292903	Attachment, forgiveness, and physical health quality of life in HIV + adults	AIDS Care	Martin, L. A.; Vosvick, M.; Riggs, S. A.	no	no	no	yes	Mental health	yes
18154491	Major depression in patients with HIV/AIDS and substance abuse	AIDS Patient Care STDS	Berger-Greenstein, J. A.; Cuevas, C. A.; Brady, S. M.; Trezza, G.; Richardson, M. A.; Keane, T. M.	no	no	no	yes	Mental health	yes

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23086427	Routine depression screening in an HIV clinic cohort identifies patients with complex psychiatric co-morbidities who show significant response to treatment	AIDS Behav	Schumacher, J. E.; McCullumsmith, C.; Mugavero, M. J.; Ingle-Pang, P. E.; Raper, J. L.; Willig, J. H.; You, Z.; Batey, D. S.; Crane, H.; Lawrence, S. T.; Wright, C.; Treisman, G.; Saag, M. S.	no	no	no	yes	Mental health	yes
2006-07312-002	Predictors of quality of life in HIV-infected rural women: Psychometric test of the chronic illness quality of life ladder	Quality of Life Research: An International Journal of Quality of Life Aspects of Treatment, Care & Rehabilitation	Murdaugh, Carolyn; Moneyham, Linda; Jackson, Kirby; Phillips, Kenneth; Tavakoli, Abbas	no	no	no	yes	Mental health	yes
16782673	Social support and depressive symptomatology among HIV-positive women: the mediating role of self-esteem and mastery	Women Health	Simoni, J. M.; Montoya, H. D.; Huang, B.; Goodry, E.	no	no	no	yes	Mental health	no
24469525	Escitalopram treatment of depression in human immunodeficiency virus/acquired immunodeficiency syndrome: a randomized, double-blind, placebo-controlled study	Journal of Nervous & Mental Disease	Hoare, Jacqueline; Carey, Paul; Joska, John A.; Carrara, Henri; Sorsdahl, Katherine; Stein, Dan J.	no	no	no	yes	Mental health	no



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104530125. Language:	Medical Outcomes of HIV-Infected Individuals Two Years After Initiating Specialized Psychiatric Treatment Services	Journal of HIV/AIDS & Social Services	Brown, Jennifer L.; Stepleman, Lara M.; Bottonari, Kathryn A.	no	no	no	yes	Mental health	no
16831788	Strategies for self-management of HIV-related anxiety	AIDS Care	Kemppainen, J. K.; Eller, L. S.; Bunch, E.; Hamilton, M. J.; Dole, P.; Holzemer, W.; Kirksey, K.; Nicholas, P. K.; Corless, I. B.; Coleman, C.; Nokes, K. M.; Reynolds, N.; Sefcik, L.; Wantland, D.; Tsai, Y. F.	no	no	no	yes	Mental health	no
19387832	Effects of antidepressant treatment on antiretroviral regimen adherence among depressed HIV-infected patients	Psychiatr Q	Kumar, V.; Encinosa, W.	no	yes	no	yes	Mental health	no
105466857. Language:	Factors associated with psychotherapy longevity among HIV-positive patients	AIDS Patient Care & STDs	Bottonari, K. A.; Stepleman, L. M.	no	yes	no	yes	Mental health	no
24313252	Social care networks and older LGBT adults: challenges for the future	J Homosex	Brennan-Ing, M.; Seidel, L.; Larson, B.; Karpiak, S. E.	yes	yes	yes	yes	Mental health	no
106371089. Language:	A comparison study of homeless and non-homeless HIV-positive persons enrolled in mental health care	Journal of HIV/AIDS & Social Services	Smith, B. D.; DeWeaver, K. L.	yes	no	yes	yes	Mental health	no
19892212	Use of outpatient mental health services and psychotropic medications among HIV-infected	General Hospital Psychiatry	Himelhoch, S.	yes	no	no	yes	Mental health	no

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	patients in a multisite, multistate study								
22085330	HIV risk among female sex workers in Miami: the impact of violent victimization and untreated mental illness	AIDS Care	Surratt, H. L.; Kurtz, S. P.; Chen, M.; Mooss, A.	no	no	no	yes	Mental health	yes
18001228	Utility of the Millon Behavioral Medicine Diagnostic (MBMD) to predict adherence to highly active antiretroviral therapy (HAART) medication regimens among HIV-positive men and women	J Pers Assess	Cruess, D. G.; Minor, S.; Antoni, M. H.; Millon, T.	no	no	no	yes	Mental health	yes
18095166	Antidepressant treatment and adherence to combination antiretroviral therapy among patients with AIDS and diagnosed depression	Psychiatr Q	Walkup, J.; Wei, W.; Sambamoorthi, U.; Crystal, S.	no	no	yes	yes	Mental health	no
24668254	Changes in sexual behavior of HIV-infected older adults enrolled in a clinical trial of standalone group psychotherapies targeting depression	AIDS Behav	Lovejoy, T. I.; Heckman, T. G.; Sikkema, K. J.; Hansen, N. B.; Kochman, A.	no	no	no	yes	Mental health	no
22296865	DHEA and cognition in HIV-positive patients with non-major depression	Psychosomatics	Bradley, M.; McElhiney, M.; Rabkin, J.	no	no	no	yes	Mental health	no
19282781	Psychological well-being among individuals aging with HIV: the value of social relationships	J Acquir Immune Defic Syndr	Mavandadi, S.; Zanjani, F.; Ten Have, T. R.; Oslin, D. W.	no	no	no	yes	Mental health	no
23715264	The effect of relaxation interventions on cortisol	J Int Assoc Provid	Jones, D.; Owens, M.; Kumar, M.; Cook, R.;	no	no	no	yes	Mental health	no

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	levels in HIV-seropositive women	AIDS Care	Weiss, S. M.						
21667297	The effects of traumatic stressors and HIV-related trauma symptoms on health and health related quality of life	AIDS Behav	Nightingale, V. R.; Sher, T. G.; Mattson, M.; Thilges, S.; Hansen, N. B.	no	no	no	yes	Mental health	no
22545737	Cognitive behavioral therapy for adherence and depression (CBT-AD) in HIV-infected injection drug users: a randomized controlled trial	J Consult Clin Psychol	Safren, S. A.; O'Cleirigh, C. M.; Bullis, J. R.; Otto, M. W.; Stein, M. D.; Pollack, M. H.	yes	no	no	yes	Mental health	no
23244367	Gender-specific effects of an augmented written emotional disclosure intervention on posttraumatic, depressive, and HIV-disease-related outcomes: a randomized, controlled trial	J Consult Clin Psychol	Ironson, G.; O'Cleirigh, C.; Leserman, J.; Stuetzle, R.; Fordiani, J.; Fletcher, M.; Schneiderman, N.	yes	no	no	yes	Mental health	no
23050767	In-home mental health treatment for individuals with HIV	AIDS Patient Care STDS	Reif, S. S.; Pence, B. W.; LeGrand, S.; Wilson, E. S.; Swartz, M.; Ellington, T.; Whetten, K.	yes	yes	no	yes	Mental health	no
20845112	Self-efficacy and distress in women with AIDS: the SMART/EST women's project	AIDS Care	Jones, D. L.; Ishii Owens, M.; Lydston, D.; Tobin, J. N.; Brondolo, E.; Weiss, S. M.	yes	no	no	yes	Mental health	no
23644816	Telephone based cognitive behavioral therapy targeting major depression among urban	AIDS Behav	Himelhoch, S.; Medoff, D.; Maxfield, J.; Dihmes, S.; Dixon, L.; Robinson, C.;	yes	no	no	yes	Mental health	no

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	dwelling, low income people living with HIV/AIDS: results of a randomized controlled trial		Potts, W.; Mohr, D. C.						
24400124	The effects of a problem solving-based intervention on depressive symptoms and HIV medication adherence are independent	PLoS One	Gross, R.; Bellamy, S. L.; Chapman, J.; Han, X.; O'Duor, J.; Strom, B. L.; Houts, P. S.; Palmer, S. C.; Coyne, J. C.	yes	no	no	yes	Mental health	no
17502728	The effect of adherence on the association between depressive symptoms and mortality among HIV-infected individuals first initiating HAART	Aids	Lima, V. D.; Geller, J.; Bangsberg, D. R.; Patterson, T. L.; Daniel, M.; Kerr, T.; Montaner, J.; Hogg, R. S.	no	no	no	no	Mental health	yes
103771485. Language:	Can behavioral theory inform the understanding of depression and medication nonadherence among HIV-positive substance users?	Journal of Behavioral Medicine	Magidson, Jessica; Listhaus, Alyson; Seitz-Brown, C.; Safren, Steven; Lejuez, C.; Daughters, Stacey	no	no	no	no	Mental health	yes
23768670	Differential associations between perceived and objective measurement of distress tolerance in relation to antiretroviral treatment adherence and response among HIV-positive individuals	Behav Ther	Oser, M. L.; Traflet, J. A.; Lejuez, C. W.; Bonn-Miller, M. O.	no	no	no	no	Mental health	yes
23975476	Does effective depression treatment alone reduce secondary	AIDS Behav	Tsai, A. C.; Mimiaga, M. J.; Dilley, J. W.; Hammer, G. P.;	no	no	no	no	Mental health	yes

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	HIV transmission risk? Equivocal findings from a randomized controlled trial		Karasic, D. H.; Charlebois, E. D.; Sorensen, J. L.; Safren, S. A.; Bangsberg, D. R.						
21784531	Lifetime suicidal ideation and attempt are common among HIV+ individuals	J Affect Disord	Badiee, J.; Moore, D. J.; Atkinson, J. H.; Vaida, F.; Gerard, M.; Duarte, N. A.; Franklin, D.; Gouaux, B.; McCutchan, J. A.; Heaton, R. K.; McArthur, J.; Morgello, S.; Simpson, D.; Collier, A.; Marra, C. M.; Gelman, B.; Clifford, D.; Grant, I.	no	no	no	no	Mental health	yes
21116186	Psychiatric risk factors for HIV disease progression: the role of inconsistent patterns of antiretroviral therapy utilization	J Acquir Immune Defic Syndr	Carrico, A. W.; Riley, E. D.; Johnson, M. O.; Charlebois, E. D.; Neilands, T. B.; Remien, R. H.; Lightfoot, M. A.; Steward, W. T.; Weinhardt, L. S.; Kelly, J. A.; Rotheram-Borus, M. J.; Morin, S. F.; Chesney, M. A.	no	no	no	no	Mental health	yes
22012149	The impact of prolonged exposure on PTSD symptoms and associated psychopathology in people living with HIV: a randomized test of	AIDS Behav	Pacella, M. L.; Armelie, A.; Boarts, J.; Wagner, G.; Jones, T.; Feeny, N.; Delahanty, D. L.	no	no	no	no	Mental health	yes

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	concept								
105738567. Language:	The relationship of post-traumatic stress disorder and depression to antiretroviral medication adherence in persons with HIV	AIDS Patient Care & STDs	Vranceanu, A. M.; Safren, S. A.; Lu, M.; Coady, W. M.; Skolnik, P. R.; Rogers, W. H.; Wilson, I. B.	no	no	no	no	Mental health	yes
21399478	Psychiatric correlates of HAART utilization and viral load among HIV-positive impoverished persons	Aids	Carrico, A. W.; Bangsberg, D. R.; Weiser, S. D.; Chartier, M.; Dilworth, S. E.; Riley, E. D.	no	no	no	no	Mental health	yes
103768061. Language:	Implementing an Intimate Partner Violence (IPV) Screening Protocol in HIV Care	AIDS Patient Care & STDs	Raissi, Sadaf E.; Krentz, Hartmut B.; Siemienuk, Reed A. C.; Gill, M. John	yes	no	no	no	Mental health	yes
16954726	Psychological resources protect health: 5-year survival and immune function among HIV-infected women from four US cities	Aids	Ickovics, J. R.; Milan, S.; Boland, R.; Schoenbaum, E.; Schuman, P.; Vlahov, D.	yes	no	no	no	Mental health	yes
25081100	The interaction of active substance use, depression, and antiretroviral adherence in methadone maintenance	Int J Behav Med	Newville, H.; Berg, K. M.; Gonzalez, J. S.	no	no	no	yes	Mental health, substance abuse	no
17019897	Interrater reliability of the Psychiatric Research Interview for Substance and Mental Disorders in an HIV-infected cohort: experience of the National NeuroAIDS Tissue Consortium	Int J Methods Psychiatr Res	Morgello, S.; Holzer, C. E., 3rd; Ryan, E.; Young, C.; Naseer, M.; Castellon, S. A.; Frol, A. B.; Atkinson, J. H.; Gelman, B. B.; Grant, I.; Singer, E. J.	no	no	no	yes	Mental health, substance abuse	no

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20969465	Mortality after diagnosis of psychiatric disorders and co-occurring substance use disorders among HIV-infected patients	AIDS Patient Care STDS	DeLorenze, G. N.; Satre, D. D.; Quesenberry, C. P.; Tsai, A. L.; Weisner, C. M.	no	no	no	no	Mental health, substance abuse	yes
19008505	Substance abuse and hospitalization for mood disorder among Medicaid beneficiaries	Am J Public Health	Prince, J. D.; Akincigil, A.; Hoover, D. R.; Walkup, J. T.; Bilder, S.; Crystal, S.	no	no	no	no	Mental health, substance abuse	yes
105608814. Language:	Gender and other psychosocial factors as predictors of adherence to highly active antiretroviral therapy (HAART) in adults with comorbid HIV/AIDS, psychiatric and substance-related disorder	AIDS & Behavior	Applebaum, A. J. and Richardson, M. A. and Brady, S. M. and Brief, D. J. and Keane, T. M.	no	no	no	yes	Mental health, substance abuse	yes
16938671	Improving health outcomes among individuals with HIV, mental illness, and substance use disorders in the Southeast	AIDS Care	Whetten, K.; Reif, S.; Ostermann, J.; Pence, B. W.; Swartz, M.; Whetten, R.; Conover, C.; Bouis, S.; Thielman, N.; Eron, J.	yes	no	yes	yes	Mental health, substance abuse	no
22115794	Pain and physical and psychological symptoms in ambulatory HIV patients in the current treatment era	J Pain Symptom Manage	Merlin, J. S.; Cen, L.; Praestgaard, A.; Turner, M.; Obando, A.; Alpert, C.; Woolston, S.; Casarett, D.; Kostman, J.; Gross, R.; Frank, I.	no	no	no	yes	Mental health, substance abuse	no
19537957	Medication adherence in HIV-infected smokers:	AIDS Educ Prev	Webb, M. S.; Vanable, P. A.;	no	no	no	yes	Mental health, substance	yes

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	the mediating role of depressive symptoms		Carey, M. P.; Blair, D. C.					abuse	
17919095	Predictors of AIDS-related morbidity and mortality in a southern U.S. Cohort	AIDS Patient Care STDS	Mugavero, M. J.; Pence, B. W.; Whetten, K.; Leserman, J.; Swartz, M.; Stangl, D.; Thielman, N. M.	no	no	no	no	Mental health, substance abuse	yes
22042879	Patient reported outcomes in routine care: advancing data capture for HIV cohort research	Clin Infect Dis	Kozak, M. S.; Mugavero, M. J.; Ye, J.; Aban, I.; Lawrence, S. T.; Nevin, C. R.; Raper, J. L.; McCullumsmith, C.; Schumacher, J. E.; Crane, H. M.; Kitahata, M. M.; Saag, M. S.; Willig, J. H.	no	no	no	no	Mental health, substance abuse	yes
20098331	Microalbuminuria is associated with all-cause and AIDS mortality in women with HIV infection	J Acquir Immune Defic Syndr	Wyatt, C. M.; Hoover, D. R.; Shi, Q.; Seaberg, E.; Wei, C.; Tien, P. C.; Karim, R.; Lazar, J.; Young, M. A.; Cohen, M. H.; Klotman, P. E.; Anastos, K.	no	no	no	no	Microalbuminuria	yes
21685547	Pre-existing albuminuria predicts AIDS and non-AIDS mortality in women initiating antiretroviral therapy	Antivir Ther	Wyatt, C. M.; Hoover, D. R.; Shi, Q.; Tien, P. C.; Karim, R.; Cohen, M. H.; Goderre, J. L.; Seaberg, E. C.; Lazar, J.; Young, M. A.; Klotman, P. E.; Anastos, K.	no	no	no	no	Microalbuminuria	yes
23459863	HIV infection and the risk	JAMA	Freiberg, M. S.;	no	no	no	no	Multiple	yes



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	of acute myocardial infarction	Intern Med	Chang, C. C.; Kuller, L. H.; Skanderson, M.; Lowy, E.; Kraemer, K. L.; Butt, A. A.; Bidwell Goetz, M.; Leaf, D.; Oursler, K. A.; Rimland, D.; Rodriguez Barradas, M.; Brown, S.; Gibert, C.; McGinnis, K.; Crothers, K.; Sico, J.; Crane, H.; Warner, A.; Gottlieb, S.; Gottdiener, J.; Tracy, R. P.; Budoff, M.; Watson, C.; Armah, K. A.; Doebler, D.; Bryant, K.; Justice, A. C.						
24580808	Therapy duration and long-term outcomes in extra-pulmonary tuberculosis	BMC Infect Dis	Pusch, T.; Pasipanodya, J. G.; Hall, R. G., 2nd; Gumbo, T.	no	no	no	yes	Multiple	yes
26125093	Evaluating the Effects of an Interdisciplinary Practice Model with Pharmacist Collaboration on HIV Patient Co-Morbidities	AIDS Patient Care STDS	Cope, R.	yes	no	no	yes	Multiple	no
18681098	Differences in HIV-related hospitalization among white, black, and Hispanic men and women of Florida	Women Health	Hlaing, W. M.; McCoy, H. V.	no	yes	no	yes	Multiple	no
109820935. Language:	Evaluating the Effects of an Interdisciplinary Practice Model with	AIDS Patient Care &	Cope, Rebecca; Berkowitz, Leonard; Arcebedo, Rebecca;	yes	no	no	yes	Multiple	no

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	Pharmacist Collaboration on HIV Patient Co-Morbidities	STDs	Yeh, Jun-Yen; Trustman, Nathan; Cha, Agnes						
17039981	Predictors of death within six months in patients with advanced AIDS	Palliat Support Care	Brechtl, J. R.; Patrick, P. A.; Visintainer, P.; Brand, D. A.	no	no	no	no	Multiple	yes
16311491	The effect of socioeconomic status on the survival of people receiving care for HIV infection in the United States	J Health Care Poor Underserved	Cunningham, W. E.; Hays, R. D.; Duan, N.; Andersen, R.; Nakazono, T. T.; Bozzette, S. A.; Shapiro, M. F.	no	no	yes	no	Multiple	yes
21146004	CD4 count is predictive of outcome in HIV-positive patients undergoing abdominal operations	Am J Surg	Deneve, J. L.; Shantha, J. G.; Page, A. J.; Wyrzykowski, A. D.; Rozycki, G. S.; Feliciano, D. V.	no	no	no	no	Multiple	yes
25202921	An adapted frailty-related phenotype and the VACS index as predictors of hospitalization and mortality in HIV-infected and uninfected individuals	J Acquir Immune Defic Syndr	Akgun, K. M.; Tate, J. P.; Crothers, K.; Crystal, S.; Leaf, D. A.; Womack, J.; Brown, T. T.; Justice, A. C.; Oursler, K. K.	no	no	no	no	Multiple	yes
23080359	Antiretroviral adherence among rural compared to urban veterans with HIV infection in the United States	AIDS Behav	Ohl, M. E.; Perencevich, E.; McInnes, D. K.; Kim, N.; Rimland, D.; Akgun, K.; Fiellin, D. A.; Skanderson, M.; Wang, K.; Justice, A.	no	no	no	no	Multiple	yes
23921612	Food insecurity and HIV clinical outcomes in a longitudinal study of urban homeless and marginally housed HIV-infected individuals	Aids	Weiser, S. D.; Yuan, C.; Guzman, D.; Frongillo, E. A.; Riley, E. D.; Bangsberg, D. R.; Kushel, M. B.	no	no	yes	no	Multiple	yes

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20534139	Survival trends in critically ill HIV-infected patients in the highly active antiretroviral therapy era	Crit Care	Coquet, I.; Pavie, J.; Palmer, P.; Barbier, F.; Legriel, S.; Mayaux, J.; Molina, J. M.; Schlemmer, B.; Azoulay, E.	no	no	no	no	Multiple	yes
25714794	Thirty-day postoperative mortality among individuals with HIV infection receiving antiretroviral therapy and procedure-matched, uninfected comparators	JAMA Surg	King, J. T., Jr.; Perkal, M. F.; Rosenthal, R. A.; Gordon, A. J.; Crystal, S.; Rodriguez-Barradas, M. C.; Butt, A. A.; Gibert, C. L.; Rimland, D.; Simberkoff, M. S.; Justice, A. C.	no	no	no	no	Multiple	yes
24000053	Increasing quality of life and reducing HIV burden: the PATH+ intervention	AIDS Behav	Blank, M. B.; Hennessy, M.; Eisenberg, M. M.	yes	no	no	no	Multiple	yes
19072715	Missed visits and mortality among patients establishing initial outpatient HIV treatment	Clin Infect Dis	Mugavero, M. J.; Lin, H. Y.; Willig, J. H.; Westfall, A. O.; Ulett, K. B.; Routman, J. S.; Abroms, S.; Raper, J. L.; Saag, M. S.; Allison, J. J.	yes	no	yes	no	Multiple	yes
24549970	HIV-associated distal neuropathic pain is associated with smaller total cerebral cortical gray matter	J Neurovirol	Keltner, J. R.; Fennema-Notestine, C.; Vaida, F.; Wang, D.; Franklin, D. R.; Dworkin, R. H.; Sanders, C.; McCutchan, J. A.; Archibald, S. L.; Miller, D. J.; Kesidis, G.; Cushman, C.	no	no	no	yes	Neuropathic pain	yes

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			Kim, S. M.; Abramson, I.; Taylor, M. J.; Theilmann, R. J.; Julaton, M. D.; Notestine, R. J.; Corkran, S.; Cherner, M.; Duarte, N. A.; Alexander, T.; Robinson-Papp, J.; Gelman, B. B.; Simpson, D. M.; Collier, A. C.; Marra, C. M.; Morgello, S.; Brown, G.; Grant, I.; Atkinson, J. H.; Jernigan, T. L.; Ellis, R. J.						
23558760	Safety and efficacy of transdermal buprenorphine and transdermal fentanyl in the treatment of neuropathic pain in AIDS patients	Minerva Anestesiol	Canneti, A.; Luzi, M.; Di Marco, P.; Cannata, F.; Pasqualitto, F.; Spinoglio, A.; Reale, C.	no	no	no	yes	Neuropathic pain	no
17662571	Double-blind, placebo-controlled trial of lamotrigine in combination with other medications for neuropathic pain	J Pain Symptom Manage	Silver, M.; Blum, D.; Grainger, J.; Hammer, A. E.; Quessy, S.	no	no	no	yes	Neuropathic pain	yes
20124207	Pregabalin for painful HIV neuropathy: a randomized, double-blind, placebo-controlled trial	Neurology	Simpson, D. M.; Schifitto, G.; Clifford, D. B.; Murphy, T. K.; Durso-De Cruz, E.; Glue, P.; Whalen, E.; Emir, B.; Scott, G. N.; Freeman, R.	no	no	no	yes	Neuropathic pain	no

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18608693	An exploratory study of long-term neurocognitive outcomes following recovery from opportunistic brain infections in HIV+ adults	J Clin Exp Neuropsychol	Levine, A. J.; Hinkin, C. H.; Ando, K.; Santangelo, G.; Martinez, M.; Valdes-Sueiras, M.; Saxton, E. H.; Mathisen, G.; Commins, D. L.; Moe, A.; Farthing, C.; Singer, E. J.	no	no	no	no	Opportunistic brain infections	yes
17243069	Posaconazole for the treatment ofazole-refractory oropharyngeal and esophageal candidiasis in subjects with HIV infection	Clin Infect Dis	Skiest, D. J.; Vazquez, J. A.; Anstead, G. M.; Graybill, J. R.; Reynes, J.; Ward, D.; Hare, R.; Boparai, N.; Isaacs, R.	no	no	no	yes	Oropharyngeal and Esophageal Candidiasis	no
16575739	A multicenter randomized trial evaluating posaconazole versus fluconazole for the treatment of oropharyngeal candidiasis in subjects with HIV/AIDS	Clin Infect Dis	Vazquez, J. A.; Skiest, D. J.; Nieto, L.; Northland, R.; Sanne, I.; Gogate, J.; Greaves, W.; Isaacs, R.	no	no	no	yes	Oropharyngeal Candidiasis	no
106197133. Language:	Infection following treatment of mandible fractures: the role of immunosuppression and polysubstance abuse	Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology & Endodontology	Senel, F. C.; Jessen, G. S.; Melo, M. D.; Obeid, G.	no	no	no	yes	Osteoporosis	yes
103779008. Language:	Prevalence and Predictors of Low Bone	AIDS Patient	Mazzotta, Elena; Ursini, Tamara;	no	no	no	yes	Osteoporosis	yes

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	Mineral Density and Fragility Fractures Among HIV-Infected Patients at One Italian Center After Universal DXA Screening: Sensitivity and Specificity of Current Guidelines on Bone Mineral Density Management	Care & STDs	Agostinone, Adriana; Di Nicola, Angelo Domenico; Polilli, Ennio; Sozio, Federica; Vadini, Francesco; Pieri, Alessandro; Trave, Francesca; De Francesco, Valerio; Capasso, Lorenzo; Borderi, Marco; Manzoli, Lamberto; Viale, Pierluigi; Parruti, Giustino						
25948863	Changes in Bone Mineral Density After Initiation of Antiretroviral Treatment With Tenofovir Disoproxil Fumarate/Emtricitabine Plus Atazanavir/Ritonavir, Darunavir/Ritonavir, or Raltegravir	J Infect Dis	Brown, T. T. and Moser, C. and Currier, J. S. and Ribaldo, H. J.	no	no	no	no	Osteoporosis	yes
20198286	Study of bone metabolism in patients with chronic HIV infection	Clin Ter	Coaccioli, S.; Del Giorno, R.; Crapa, G.; Sabatini, C.; Panaccione, A.; Di Cato, L.; Lavagna, A.; Fatati, G.; Paladini, A.; Frongillo, R.; Puxeddu, A.	no	no	no	yes	Osteoporosis	no
22207561	CD4 count is associated with postoperative infection in patients with orthopaedic trauma who are HIV positive	Clin Orthop Relat Res	Guild, G. N.; Moore, T. J.; Barnes, W.; Hermann, C.	no	no	no	no	Othorpaedic trauma	yes
21960715	The effect of AIDS	Clin Infect	Geng, E. H.; Kahn, J.	yes	no	no	yes	Pneumonia	yes

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	Clinical Trials Group Protocol 5164 on the time from Pneumocystis jirovecii pneumonia diagnosis to antiretroviral initiation in routine clinical practice: a case study of diffusion, dissemination, and implementation	Dis	S.; Chang, O. C.; Hare, C. B.; Christopoulos, K. A.; Jones, D.; Petersen, M. L.; Deeks, S. G.; Havlir, D. V.; Gandhi, M.						
24525448	Community-acquired lung respiratory infections in HIV-infected patients: microbial aetiology and outcome	Eur Respir J	Cilloniz, C.; Torres, A.; Polverino, E.; Gabarrus, A.; Amaro, R.; Moreno, E.; Villegas, S.; Ortega, M.; Mensa, J.; Marcos, M. A.; Moreno, A.; Miro, J. M.	no	no	no	no	Pneumonia	yes
104354298. Language:	Comparing Outcomes of HIV versus Non-HIV Patients Requiring Mechanical Ventilation	Clinical Medicine & Research	Pathak, Vikas; Samara Hurtado Rendon, Iliana; Atrash, Shebli; Prasad Rao Gagadam, Vinay; Bhunia, Kaushik; Prasad Mallampalli, Syam; Vegesna, Vijay; Mani Dungal, Mahesh; Ciubotaru, Ronald L.	no	no	no	no	Pneumonia	yes
19887771	Long-term survival after hospitalization for community-acquired and healthcare-associated pneumonia	Respiration	Cecere, L. M.; Rubenfeld, G. D.; Park, D. R.; Root, R. K.; Goss, C. H.	no	no	no	no	Pneumonia	yes
16550266	Pneumonia severity	Can Respir	Sanders, K. M.;	no	no	no	no	Pneumonia	yes

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	index in the immunocompromised	J	Marras, T. K.; Chan, C. K.						
18796158	Outcome of HIV-associated Pneumocystis pneumonia in hospitalized patients from 2000 through 2003	BMC Infect Dis	Radhi, S.; Alexander, T.; Ukwu, M.; Saleh, S.; Morris, A.	no	no	no	no	Pneumonia	yes
21488749	Predictors of pneumonia severity in HIV-infected adults admitted to an Urban public hospital	AIDS Patient Care STDS	Chew, K. W.; Yen, I. H.; Li, J. Z.; Winston, L. G.	no	no	no	no	Pneumonia	yes
19521925	Severity and outcomes of Pneumocystis pneumonia in patients newly diagnosed with HIV infection: an observational cohort study	Scand J Infect Dis	Fei, M. W.; Sant, C. A.; Kim, E. J.; Swartzman, A.; Davis, J. L.; Jarlsberg, L. G.; Huang, L.	no	no	no	no	Pneumonia	yes
19710335	Predictors of mortality among women with AIDS in Illinois, USA	Int J STD AIDS	Borchardt, S. M.; Haufle, V.; Whitaker, E. E.; Dworkin, M. S.	no	no	no	no	Pneumonia, substance abuse	yes
16280060	Impact of HIV/AIDS on care and outcomes of severe sepsis	Crit Care	Mrus, J. M.; Braun, L.; Yi, M. S.; Linde-Zwirble, W. T.; Johnston, J. A.	no	no	no	no	sepsis	yes
25853590	Characteristics and Outcomes of HIV-Infected Patients With Severe Sepsis: Continued Risk in the Post-Highly Active Antiretroviral Therapy Era	Crit Care Med	Cribbs, S. K.; Tse, C.; Andrews, J.; Shenvi, N.; Martin, G. S.	no	no	no	no	Sepsis	yes
20698966	Sepsis is a major determinant of outcome in critically ill HIV/AIDS patients	Crit Care	Japiassu, A. M.; Amancio, R. T.; Mesquita, E. C.; Medeiros, D. M.;	no	no	no	no	Sepsis	yes



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			Bernal, H. B.; Nunes, E. P.; Luz, P. M.; Grinsztejn, B.; Bozza, F. A.						
26039931	Demographic and Health Services Characteristics Associated With Testing for Sexually Transmitted Infections Among a Commercially Insured Population of HIV-Positive Patients	J Acquir Immune Defic Syndr	Pearson, W. S. and Davis, A. D.	no	no	no	yes	Sexually transmitted diseases	no
108202389. Language:	Self-Screening for Neisseria gonorrhoeae and Chlamydia trachomatis in the Human Immunodeficiency Virus Clinic-High Yields and High Acceptability	Sexually Transmitted Diseases	Soni, S.; White, J. A.	no	no	no	yes	Sexually transmitted diseases	yes
22223813	Gonorrhoea or chlamydia in a U.S. military HIV-positive cohort	Sex Transm Infect	Spaulding, A. B.; Lifson, A. R.; Iverson, E. R.; Ganesan, A.; Landrum, M. L.; Weintrob, A. C.; Agan, B. K.; Bavaro, M. F.; O'Connell, R. J.; Macalino, G. E.	no	no	no	yes	Sexually transmitted diseases	yes
20626193	Sexually transmitted diseases among American Indians in Arizona: an important public health disparity	Public Health Rep	Winscott, M.; Taylor, M.; Kenney, K.	no	no	no	yes	Sexually transmitted diseases	no
16943224	Serological response to syphilis treatment in HIV-positive and HIV-negative patients	Sex Transm Infect	Ghanem, K. G.; Erbeling, E. J.; Wiener, Z. S.; Rompalo, A. M.	no	no	no	yes	Sexually transmitted diseases	no

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	attending sexually transmitted diseases clinics								
17447147	Beliefs that condoms reduce sexual pleasure-gender differences in correlates among heterosexual HIV-positive injection drug users (IDUs)	J Urban Health	Mizuno, Y.; Purcell, D. W.; Latka, M. H.; Metsch, L. R.; Gomez, C. A.; Latkin, C. A.	no	no	no	yes	Sexually transmitted diseases	yes
25920801	Post-treatment drinking among HIV patients: Relationship to pre-treatment marijuana and cocaine use	Drug Alcohol Depend	Elliott, J. C. and Aharonovich, E. and Hasin, D. S.	yes	no	no	yes	Substance abuse	no
16480165	Acupuncture and spirituality-focused group therapy for the treatment of HIV-positive drug users: a preliminary study	J Psychoactive Drugs	Margolin, A.; Avants, S. K.; Arnold, R.	yes	no	no	yes	Substance abuse	no
21317593	Improved quality of life for opioid-dependent patients receiving buprenorphine treatment in HIV clinics	J Acquir Immune Defic Syndr	Korthuis, P. T.; Tozzi, M. J.; Nandi, V.; Fiellin, D. A.; Weiss, L.; Egan, J. E.; Botsko, M.; Acosta, A.; Gourevitch, M. N.; Hersh, D.; Hsu, J.; Boverman, J.; Altice, F. L.	no	no	no	yes	Substance abuse	no
103949714. Language:	A Comparison of Characteristics and Outcomes of Opioid-Dependent Patients Initiating Office-Based Buprenorphine or Methadone Maintenance	Substance Abuse	Fingerhood, Michael I.; King, Van L.; Brooner, Robert K.; Rastegar, Darius A.	no	no	no	yes	Substance abuse	no

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	Treatment								
25542824	Mediators of a smoking cessation intervention for persons living with HIV/AIDS	Drug Alcohol Depend	Vidrine, D. J.	yes	no	no	yes	Substance abuse	no
16838244	Gender differences in illicit substance use among middle-aged drug users with or at risk for HIV infection	Clin Infect Dis	Hartel, D. M.; Schoenbaum, E. E.; Lo, Y.; Klein, R. S.	no	no	no	yes	Substance abuse	yes
19806485	Associations between substance use, sexual risk taking and HIV treatment adherence among homeless people living with HIV	AIDS Care	Friedman, M. S.; Marshal, M. P.; Stall, R.; Kidder, D. P.; Henny, K. D.; Courtenay-Quirk, C.; Wolitski, R. J.; Aidala, A.; Royal, S.; Holtgrave, D. R.	no	no	no	yes	Substance abuse	yes
16046874	A temporal and dose-response association between alcohol consumption and medication adherence among veterans in care	Alcohol Clin Exp Res	Braithwaite, R. S.; McGinnis, K. A.; Conigliaro, J.; Maisto, S. A.; Crystal, S.; Day, N.; Cook, R. L.; Gordon, A.; Bridges, M. W.; Seiler, J. F.; Justice, A. C.	no	no	no	yes	Substance abuse	yes
20024773	Adherence to antiretroviral therapy: a survey of factors associated with medication usage	AIDS Care	Duggan, J. M.; Locher, A.; Fink, B.; Okonta, C.; Chakraborty, J.	no	no	no	yes	Substance abuse	yes
17711381	Adherence, drug use, and treatment failure in a methadone-clinic-based program of directly administered antiretroviral therapy	AIDS Patient Care STDS	Lucas, G. M.; Mullen, B. A.; McCaul, M. E.; Weidle, P. J.; Hader, S.; Moore, R. D.	no	no	no	yes	Substance abuse	yes

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17942835	Affect regulation, stimulant use, and viral load among HIV-positive persons on anti-retroviral therapy	Psychosom Med	Carrico, A. W.; Johnson, M. O.; Moskowitz, J. T.; Neilands, T. B.; Morin, S. F.; Charlebois, E. D.; Steward, W. T.; Remien, R. H.; Wong, F. L.; Rotheram-Borus, M. J.; Lightfoot, M. A.; Chesney, M. A.	no	no	no	yes	Substance abuse	yes
21345624	Alcohol consumption and depressive symptoms over time: a longitudinal study of patients with and without HIV infection	Drug Alcohol Depend	Sullivan, L. E.; Goulet, J. L.; Justice, A. C.; Fiellin, D. A.	no	no	no	yes	Substance abuse	yes
17685843	HIV-related communication and perceived norms: an analysis of the connection among injection drug users	AIDS Educ Prev	Davey-Rothwell, M. A.; Latkin, C. A.	no	no	no	yes	Substance abuse	yes
17530995	Increased mortality in rural patients with HIV in New England	AIDS Res Hum Retroviruses	Lahey, T.; Lin, M.; Marsh, B.; Curtin, J.; Wood, K.; Eccles, B.; von Reyn, C. F.	no	no	no	yes	Substance abuse	yes
26009831	Long-term Prescription of Opioids and/or Benzodiazepines and Mortality Among HIV-Infected and Uninfected Patients	J Acquir Immune Defic Syndr	Weisberg, D. F.; Gordon, K. S.; Barry, D. T.; Becker, W. C.; Crystal, S.; Edelman, E. J.; Gaither, J.; Gordon, A. J.; Goulet, J.; Kerns, R. D.; Moore, B. A.; Tate, J.; Justice, A. C.; Fiellin, D. A.	no	no	no	yes	Substance abuse	yes

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19662550	Mental health in HIV seronegative and seropositive IDUs in South Florida	AIDS Care	Jones, D. L.; Waldrop-Valverde, D.; Gonzalez, P.; Mack, A.; Kumar, A. M.; Ownby, R.; Weiss, S. M.; Kumar, M.	no	no	no	yes	Substance abuse	yes
20024705	More than ancillary: HIV social services, intermediate outcomes and quality of life	AIDS Care	Chin, J. J.; Botsko, M.; Behar, E.; Finkelstein, R.	no	no	no	yes	Substance abuse	yes
20024732	Patients and family care givers' experiences around highly active antiretroviral therapy (HAART)	AIDS Care	Sacajiu, G.; Raveis, V. H.; Selwyn, P.	no	no	no	yes	Substance abuse	yes
17721398	Rethinking approaches to risk reduction for injection drug users: differences in drug type affect risk for HIV and hepatitis C virus infection through drug-injecting networks	J Acquir Immune Defic Syndr	De, P.; Cox, J.; Boivin, J. F.; Platt, R. W.; Jolly, A. M.	no	no	no	yes	Substance abuse	yes
20450418	Temporal trends in highly active antiretroviral therapy initiation among injection drug users in Baltimore, Maryland, 1996-2008	Clin Infect Dis	Mehta, S. H.; Kirk, G. D.; Astemborski, J.; Galai, N.; Celentano, D. D.	no	no	no	yes	Substance abuse	yes
18058397	The impact of illicit drug use and substance abuse treatment on adherence to HAART	AIDS Care	Hicks, P. L.; Mulvey, K. P.; Chander, G.; Fleishman, J. A.; Josephs, J. S.; Korthuis, P. T.; Hellinger, J.; Gaist, P.; Gebo, K. A.	no	no	no	yes	Substance abuse	yes
104235586.	Post-Release Substance	AIDS &	Krishnan, Archana	no	no	no	yes	Substance	yes

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Language:	Abuse Outcomes Among HIV-Infected Jail Detainees: Results from a Multisite Study	Behavior						abuse	
21780981	An assessment of brief group interventions to increase condom use by heterosexual crack smokers living with HIV infection	AIDS Care	Williams, M.; Bowen, A.; Atkinson, J. S.; Nilsson-Schonnesson, L.; Diamond, P. M.; Ross, M. W.; Pallonen, U. E.	no	no	no	yes	Substance abuse	yes
25658949	Cost-effectiveness analysis of brief and expanded evidence-based risk reduction interventions for HIV-infected people who inject drugs in the United States	PLoS One	Song, D. L. and Altice, F. L. and Copenhaver, M. M. and Long, E. F.	no	no	no	yes	Substance abuse	yes
25314042	Medication adherence challenges among HIV positive substance abusers: the role of food and housing insecurity	AIDS Care	Surratt, H. L.; O'Grady, C. L.; Levi-Minzi, M. A.; Kurtz, S. P.	no	no	no	yes	Substance abuse	yes
25920799	Utilizing mHealth methods to identify patterns of high risk illicit drug use	Drug Alcohol Depend	Linas, B. S.	no	no	no	yes	Substance abuse	yes
18278624	Finding meaning: African American injection drug users' interpretations of testing HIV-positive	AIDS Care	Valle, M.; Levy, J.	no	no	no	yes	Substance abuse	no
22719814	Retention on buprenorphine is associated with high levels of maximal viral suppression among HIV-	PLoS One	Springer, S. A.; Qiu, J.; Saber-Tehrani, A. S.; Altice, F. L.	no	no	no	yes	Substance abuse	no

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	infected opioid dependent released prisoners								
23143526	Risk factors for falls in HIV-infected persons	J Acquir Immune Defic Syndr	Erlandson, K. M.; Allshouse, A. A.; Jankowski, C. M.; Duong, S.; MaWhinney, S.; Kohrt, W. M.; Campbell, T. B.	no	no	no	yes	Substance abuse	no
24726429	The impact of buprenorphine/naloxone treatment on HIV risk behaviors among HIV-infected, opioid-dependent patients	Drug Alcohol Depend	Edelman, E. J.; Chantarat, T.; Caffrey, S.; Chaudhry, A.; O'Connor, P. G.; Weiss, L.; Fiellin, D. A.; Fiellin, L. E.	no	no	no	yes	Substance abuse	no
16652321	Directly administered antiretroviral therapy in methadone clinics is associated with improved HIV treatment outcomes, compared with outcomes among concurrent comparison groups	Clin Infect Dis	Lucas, G. M.; Mullen, B. A.; Weidle, P. J.; Hader, S.; McCaul, M. E.; Moore, R. D.	yes	no	no	yes	Substance abuse	no
106127579. Language:	Age difference in rates of mental health/substance abuse and behavioral care in HIV-positive adults	AIDS Patient Care & STDs	Zanjani, F.; Saboe, K.; Oslin, D.	yes	no	no	yes	Substance abuse	no
105064550. Corporate	Antiretroviral use among active injection-drug users: the role of patient-provider engagement and structural factors	AIDS Patient Care & STDs	Knowlton, A. R.; Arnsten, J. H.; Eldred, L. J.; Wilkinson, J. D.; Shade, S. B.; Bohnert, A. S.; Yang, C.; Wissow, L. S.; Purcell, D. W.	yes	no	no	yes	Substance abuse	no

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15735456	Choosing HIV Counseling and Testing Strategies for Outreach Settings: A Randomized Trial	J Acquir Immune Defic Syndr	Spielberg, F.; Branson, B. M.; Goldbaum, G. M.; Lockhart, D.; Kurth, A.; Rossini, A.; Wood, R. W.	yes	no	no	yes	Substance abuse	no
17935929	Does readiness to change predict reduced crack use in human immunodeficiency virus prevention?	J Subst Abuse Treat	Schlosser, A. V.; Abdallah, A. B.; Callahan, C. L.; Bradford, S.; Cottler, L. B.	yes	no	no	yes	Substance abuse	no
17084795	Substance abuse treatment and receipt of liver specialty care among persons coinfectd with HIV/HCV who have alcohol problems	J Subst Abuse Treat	Palepu, A.; Cheng, D. M.; Kim, T.; Nunes, D.; Vidaver, J.; Alperen, J.; Saitz, R.; Samet, J. H.	yes	no	no	yes	Substance abuse	no
21302180	Testing an optimized community-based human immunodeficiency virus (HIV) risk reduction and antiretroviral adherence intervention for HIV-infected injection drug users	Subst Abus	Copenhaver, M. M.; Lee, I. C.; Margolin, A.; Bruce, R. D.; Altice, F. L.	yes	no	no	yes	Substance abuse	no
17506154	Risk factors for methadone outside treatment programs: implications for HIV treatment among injection drug users	Addiction	Vlahov, D.; O'Driscoll, P.; Mehta, S. H.; Ompad, D. C.; Gern, R.; Galai, N.; Kirk, G. D.	no	no	no	yes	Substance abuse	yes
21725250	Neurocognitive impact of substance use in HIV infection	J Acquir Immune Defic Syndr	Byrd, D. A.; Fellows, R. P.; Morgello, S.; Franklin, D.; Heaton, R. K.; Deutsch, R.; Atkinson, J. H.;	no	no	no	yes	Substance abuse	yes



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			Clifford, D. B.; Collier, A. C.; Marra, C. M.; Gelman, B.; McCutchan, J. A.; Duarte, N. A.; Simpson, D. M.; McArthur, J.; Grant, I.						
24674234	An evaluation of hepatic enzyme elevations among HIV-infected released prisoners enrolled in two randomized placebo-controlled trials of extended release naltrexone	J Subst Abuse Treat	Vagenas, P.; Di Paola, A.; Herme, M.; Lincoln, T.; Skiest, D. J.; Altice, F. L.; Springer, S. A.	no	no	no	yes	Substance abuse	no
18432391	An experimental study of the agreement of self-administration and telephone administration of the Timeline Followback interview	J Stud Alcohol Drugs	Maisto, S. A.; Conigliaro, J. C.; Gordon, A. J.; McGinnis, K. A.; Justice, A. C.	no	no	no	yes	Substance abuse	no
2014-31238-001	Cigarette smoking and drug use among a nationally representative sample of HIV-positive individuals	The American Journal on Addictions	Pacek, Lauren R.; Harrell, Paul T.; Martins, Silvia S.	no	no	no	yes	Substance abuse	no
23991690	Distress tolerance and use of antiretroviral therapy among HIV-infected individuals in substance abuse treatment	AIDS Patient Care STDS	Magidson, J. F.; Seitz-Brown, C. J.; Listhaus, A.; Lindberg, B.; Anderson, K. E.; Daughters, S. B.	no	no	no	yes	Substance abuse	no
18494840	Effects of behavioral intervention on substance use among	Addiction	Wong, F. L.; Rotheram-Borus, M. J.; Lightfoot, M.;	no	no	no	yes	Substance abuse	no

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	people living with HIV: the Healthy Living Project randomized controlled study		Pequegnat, W.; Comulada, W. S.; Cumberland, W.; Weinhardt, L. S.; Remien, R. H.; Chesney, M.; Johnson, M.						
20099954	Group-based randomized trial of contingencies for health and abstinence in HIV patients	J Consult Clin Psychol	Petry, N. M.; Weinstock, J.; Alessi, S. M.; Lewis, M. W.; Dieckhaus, K.	no	no	no	yes	Substance abuse	no
16702714	Health care utilization and risk behaviors among HIV positive minority drug users	J Health Care Poor Underserved	Kang, S. Y.; Goldstein, M. F.; Deren, S.	no	yes	yes	yes	Substance abuse	no
24368003	Health correlates of co-occurring substance use for women with HIV in cocaine use recovery	Addict Behav	McCabe, B. E.; Feaster, D. J.; Mitrani, V. B.	no	no	no	yes	Substance abuse	no
21317590	HIV treatment outcomes among HIV-infected, opioid-dependent patients receiving buprenorphine/naloxone treatment within HIV clinical care settings: results from a multisite study	J Acquir Immune Defic Syndr	Altice, F. L.; Bruce, R. D.; Lucas, G. M.; Lum, P. J.; Korhuis, P. T.; Flanigan, T. P.; Cunningham, C. O.; Sullivan, L. E.; Vergara-Rodriguez, P.; Fiellin, D. A.; Cajina, A.; Botsko, M.; Nandi, V.; Gourevitch, M. N.; Finkelstein, R.	no	no	no	yes	Substance abuse	no
23340238	Integrated recovery management model for ex-offenders with co-occurring mental health and substance use	J Assoc Nurses AIDS Care	Rasch, R. F.; Davidson, D.; Seiters, J.; MacMaster, S. A.; Adams, S.; Darby, K.; Cooper, R. L.	no	no	no	yes	Substance abuse	no

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	disorders and high rates of HIV risk behaviors								
19142824	Outcomes of a peer HIV prevention program with injection drug and crack users: the Risk Avoidance Partnership	Subst Use Misuse	Weeks, M. R.; Li, J.; Dickson-Gomez, J.; Convey, M.; Martinez, M.; Radda, K.; Clair, S.	no	no	no	yes	Substance abuse	no
2015-38774-012	Outcomes of a tailored intervention for cigarette smoking cessation among Latinos living with HIV/AIDS	Nicotine & Tobacco Research	Stanton, Cassandra A.; Papandonatos, George D.; Shuter, Jonathan; Bicki, Alexandra; Lloyd-Richardson, Elizabeth E.; de Dios, Marcel A.; Morrow, Kathleen M.; Makgoeng, Solomon B.; Tashima, Karen T.; Niaura, Raymond S.	yes	no	no	yes	Substance abuse	no
20846009	A cross-site, comparative effectiveness study of an integrated HIV and substance use treatment program	AIDS Patient Care STDS	Proeschold-Bell, R. J.; Heine, A.; Pence, B. W.; McAdam, K.; Quinlivan, E. B.	yes	no	yes	yes	Substance abuse	no
16511419	A randomized trial of a proactive cellular telephone intervention for smokers living with HIV/AIDS	Aids	Vidrine, D. J.; Arduino, R. C.; Lazev, A. B.; Gritz, E. R.	yes	no	no	yes	Substance abuse	no
21669958	Efficacy of cell phone-delivered smoking cessation counseling for persons living with HIV/AIDS: 3-month outcomes	Nicotine Tob Res	Vidrine, D. J.; Marks, R. M.; Arduino, R. C.; Gritz, E. R.	yes	no	no	yes	Substance abuse	no
17491177	Impact of a cell phone intervention on mediating	Nicotine Tob Res	Vidrine, D. J.; Arduino, R. C.; Gritz,	yes	no	no	yes	Substance abuse	no

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	mechanisms of smoking cessation in individuals living with HIV/AIDS		E. R.						
19131891	Persistence of virological benefits following directly administered antiretroviral therapy among drug users: results from a randomized controlled trial	J Acquir Immune Defic Syndr	Maru, D. S.; Bruce, R. D.; Walton, M.; Springer, S. A.; Altice, F. L.	no	no	no	no	Substance abuse	yes
20390515	Substance abuse treatment in an urban HIV clinic: who enrolls and what are the benefits?	AIDS Care	Pisu, M.; Cloud, G.; Austin, S.; Raper, J. L.; Stewart, K. E.; Schumacher, J. E.	no	no	no	no	Substance abuse	yes
21911892	Alcohol use among patients with HIV infection	Ann Hepatol	Bonacini, M.	no	no	no	no	Substance abuse	yes
18046634	Association of alcohol abuse and injection drug use with immunologic and virologic responses to HAART in HIV-positive patients from urban community health clinics	J Community Health	Henrich, T. J.; Lauder, N.; Desai, M. M.; Sofair, A. N.	no	no	no	no	Substance abuse	yes
18089980	Microsocial environmental influences on highly active antiretroviral therapy outcomes among active injection drug users: the role of informal caregiving and household factors	J Acquir Immune Defic Syndr	Knowlton, A. R.; Arnsten, J. H.; Gourevitch, M. N.; Eldred, L.; Wilkinson, J. D.; Rose, C. D.; Buchanan, A.; Purcell, D. W.	no	no	no	no	Substance abuse	yes
25151662	Self-efficacy to quit in HIV-infected smokers	Nicotine Tob Res	Shuter, J.; Moadel, A. B.; Kim, R. S.	no	no	no	no	Substance abuse	yes

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			Weinberger, A. H.; Stanton, C. A.						
18777131	Smoking among HIV positive New Yorkers: prevalence, frequency, and opportunities for cessation	AIDS Behav	Tesoriero, J. M.; Gieryic, S. M.; Carrascal, A.; Lavigne, H. E.	no	yes	no	no	Substance abuse	yes
18823189	The temporal relationship between alcohol consumption and HIV-medication adherence: a multilevel model of direct and moderating effects	Health Psychol	Parsons, J. T.; Rosof, E.; Mustanski, B.	no	no	no	no	Substance abuse	yes
20832196	Directly observed antiretroviral therapy improves adherence and viral load in drug users attending methadone maintenance clinics: a randomized controlled trial	Drug Alcohol Depend	Berg, K. M.; Litwin, A.; Li, X.; Heo, M.; Arnsten, J. H.	yes	no	no	no	Substance abuse	yes
25123240	Does HIV infection increase the risk of perioperative complications after THA? A nationwide database study	Clin Orthop Relat Res	Naziri, Q.; Boylan, M. R.; Issa, K.; Jones, L. C.; Khanuja, H. S.; Mont, M. A.	no	no	no	yes	Surgical complications	no
22675242	Complications of common gynecologic surgeries among HIV-infected women in the United States	Infect Dis Obstet Gynecol	Penman-Aguilar, A.; Whiteman, M. K.; Cox, S.; Posner, S. F.; Meikle, S. F.; Kourtis, A. P.; Jamieson, D. J.	no	no	no	yes	Surgical complications	no
21423852	A randomized treatment trial: single versus 7-day dose of metronidazole for the treatment of	J Acquir Immune Defic Syndr	Kissinger, P.; Mena, L.; Levison, J.; Clark, R. A.; Gatski, M.; Henderson, H.;	no	no	no	yes	Trichomonas vaginalis	no

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	Trichomonas vaginalis among HIV-infected women		Schmidt, N.; Rosenthal, S. L.; Myers, L.; Martin, D. H.						
20502393	Patient-delivered partner treatment and Trichomonas vaginalis repeat infection among human immunodeficiency virus-infected women	Sex Transm Dis	Gatski, M.; Mena, L.; Levison, J.; Clark, R. A.; Henderson, H.; Schmidt, N.; Rosenthal, S. L.; Martin, D. H.; Kissinger, P.	yes	no	no	yes	Trichomonas vaginalis	no
106352024. Language:	Mycobacterium africanum elicits an attenuated T cell response to early secreted antigenic target, 6 kDa, in patients with tuberculosis and their household contacts	Journal of Infectious Diseases	de Jong, B. C. and Hill, P. C. and Brookes, R. H.	no	no	no	yes	Tuberculosis	yes
17030018	B-cell immune responses in HIV positive and HIV negative patients with tuberculosis evaluated with an ELISA using a glycolipid antigen	Tuberculosis (Edinb)	Simonney, N.; Chavanet, P.; Perronne, C.; Lepotier, M.; Revol, F.; Herrmann, J. L.; Lagrange, P. H.	no	no	no	yes	Tuberculosis	yes
19723395	Disparities in tuberculosis between Asian/Pacific Islanders and non-Hispanic Whites, United States, 1993-2006	Int J Tuberc Lung Dis	Manangan, L.; Elmore, K.; Lewis, B.; Pratt, R.; Armstrong, L.; Davison, J.; Santibanez, S.; Heetderks, A.; Robison, V.; Lee, V.; Navin, T.	no	no	no	yes	Tuberculosis	yes
19909501	Factors associated with mortality in HIV-infected and uninfected patients with pulmonary	BMC Public Health	Mugusi, F. M.; Mehta, S.; Villamor, E.; Urassa, W.; Saathoff, E.; Bosch, R. J.;	no	no	no	yes	Tuberculosis	yes

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	tuberculosis		Fawzi, W. W.						
21813622	Utility of endobronchial ultrasound-guided transbronchial needle aspiration in patients with tuberculous intrathoracic lymphadenopathy: a multicentre study	Thorax	Navani, N.; Molyneaux, P. L.; Breen, R. A.; Connell, D. W.; Jepson, A.; Nankivell, M.; Brown, J. M.; Morris-Jones, S.; Ng, B.; Wickremasinghe, M.; Lalvani, A.; Rintoul, R. C.; Santis, G.; Kon, O. M.; Janes, S. M.	no	no	no	yes	Tuberculosis	yes
25886172	Contribution of a heparin-binding haemagglutinin interferon-gamma release assay to the detection of Mycobacterium tuberculosis infection in HIV-infected patients: comparison with the tuberculin skin test and the QuantiFERON-TB Gold In-tube	BMC Infect Dis	Wyndham-Thomas, C.	no	no	no	yes	Tuberculosis	yes
26132516	Formative Evaluation of a Text Messaging Intervention to Promote Varenicline Adherence Among Tobacco-Dependent Persons with HIV	J Health Commun	Krebs, P.; Tseng, T. Y.; Pham, H.; Wong, S.; Sherman, S. E.; Shelley, D.; Furberg, R. D.; Wolfe, H.	yes	no	no	yes	Tuberculosis	yes
104287813. Language:	Systemic Immune Activation and Microbial Translocation in Dual HIV/Tuberculosis-Infected Subjects	Journal of Infectious Diseases	Toossi, Zahra; Funderburg, Nicholas T.; Sirdeshmuk, Sohani; Whalen, Christopher C.; Nanteza, Maria W.;	no	no	no	yes	Tuberculosis	no

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			Johnson, Denise F.; Mayanja-Kizza, Harriet; Hirsch, Christina S.						
25000260	Opportunities for tuberculosis diagnosis and prevention among persons living with HIV: a cross-sectional study of policies and practices at four large Ryan White Program-Funded HIV clinics	PLoS One	Pascopella, L.; Franks, J.; Marks, S. M.; Salcedo, K.; Schmitz, K.; Colson, P. W.; Hirsch-Moverman, Y.; Flood, J.; Sayles, J.	no	no	no	yes	Tuberculosis	no
25114132	Pharmacokinetics of para-aminosalicylic acid in HIV-uninfected and HIV-coinfected tuberculosis patients receiving antiretroviral therapy, managed for multidrug-resistant and extensively drug-resistant tuberculosis	Antimicrob Agents Chemother	de Kock, L.; Sy, S. K.; Rosenkranz, B.; Diacon, A. H.; Prescott, K.; Hernandez, K. R.; Yu, M.; Derendorf, H.; Donald, P. R.	no	no	no	yes	Tuberculosis	no
24902559	Tuberculosis in the intensive care unit: a prospective observational study	Int J Tuberc Lung Dis	Balkema, C. A.; Iruen, E. M.; Taljaard, J. J.; Koegelenberg, C. F.	no	no	no	no	Tuberculosis	Yes
21631429	Response to HAART in treatment-naive HIV-infected patients with a prior diagnosis of tuberculosis or other opportunistic infections	Curr HIV Res	Dronda, F.; Sobrino, P.; Hernandez-Novoa, B.; Caro-Murillo, A. M.; Montero, M.; Iribarren, J. A.; Sanz, J.; Del Mar Alonso, M.; Labarga, P.; Bernal, E.; Moreno, S.	no	no	no	no	Tuberculosis	yes
21102404	Mortality among patients	MMWR	.	no	no	no	no	Tuberculosis	yes



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	with tuberculosis and associations with HIV status --- United States, 1993-2008	Morb Mortal Wkly Rep							
107786095. Language:	RESEARCH AND PRACTICE. Mortality Hazard and Survival After Tuberculosis Treatment	American Journal of Public Health	Miller, Thaddeus L.; Wilson, Fernando A.; Pang, Jenny W.; Beavers, Suzanne; Hoger, Sally; Sharnprapai, Sharon; Pagaoa, Melissa; Katz, Dolly J.; Weis, Stephen E.	no	no	no	no	Tuberculosis	yes
21396204	Patients diagnosed with tuberculosis at death or who died during therapy: association with the human immunodeficiency virus	Int J Tuberc Lung Dis	Marks, S. M.; Magee, E.; Robison, V.	no	no	no	no	Tuberculosis	yes
19803793	HIV-specific health care utilization and mortality among tuberculosis/HIV coinfecting persons	AIDS Patient Care STDS	Gadkowski, L. B.; Hamilton, C. D.; Allen, M.; Fortenberry, E. R.; Luffman, J.; Zeringue, E.; Stout, J. E.	no	no	no	no	Tuberculosis	yes
25387450	Characteristics and TB treatment outcomes in TB patients with viral hepatitis, New York City, 2000-2010	Epidemiol Infect	Bushnell, G.; Stennis, N. L.; Drobnik, A. M.; Proops, D. C.; Ahuja, S. D.; Bornschlegel, K.; Fuld, J.	no	no	no	yes	Tuberculosis, hepatitis B, C	yes
20799975	Factors associated with mortality in patients with tuberculosis	BMC Infect Dis	Horne, D. J.; Hubbard, R.; Narita, M.; Exarchos, A.; Park, D. R.; Goss, C. H.	no	no	no	no	Tuberculosis, substance abuse	yes
22424146	Short-Term Clinical Outcomes Among	AIDS Patient	Chao, Chun; Tang, Beth; Towner,	no	no	no	yes	Viremia	no

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	Treatment-Experienced HIV-Positive Patients with Early Low Level Viremia	Care & STDs	William; Silverberg, Michael J.; Hurley, Leo; Horberg, Michael						
16117747	Perceived discrimination in clinical care in a nationally representative sample of HIV-infected adults receiving health care	J Gen Intern Med	Schuster, M. A.; Collins, R.; Cunningham, W. E.; Morton, S. C.; Zierler, S.; Wong, M.; Tu, W.; Kanouse, D. E.	no	yes	yes	no		no
16053402	HIV health care access issues for women living with HIV, mental illness, and substance abuse	AIDS Patient Care STDS	Andersen, M.; Tinsley, J.; Milfort, D.; Wilcox, R.; Smereck, G.; Pfoutz, S.; Creech, S.; Mood, D.; Smith, T.; Adams, L.; Thomas, R.; Connelly, C.	yes	yes	no	no		no
104698940. Language:	Antidepressant Treatment and Adherence to Antiretroviral Medications Among Privately Insured Persons with HIV/AIDS	AIDS & Behavior	Akincigil, Ayse; Wilson, Ira; Walkup, James; Siegel, Michele; Huang, Cecilia; Crystal, Stephen	no	yes	no	no		no
104471758. Language:	Approaches to Identifying Appropriate Medication Adherence Assessments for HIV Infected Individuals with Comorbid Bipolar Disorder	AIDS Patient Care & STDs	Badiee, Jayraan; Riggs, Patricia K.; Rooney, Alexandra S.; Vaida, Florin; Grant, Igor; Atkinson, J. Hampton; Moore,; the Hiv Neurobehavioral Research Program Group, David J.	no	yes	no	no		no
103913494. Language:	Food Insecurity and Other Poverty Indicators Among People Living	Journal of Community Health	Kalichman, Seth; Hernandez, Dominica; Cherry,	no	yes	no	no		no

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	with HIV/AIDS: Effects on Treatment and Health Outcomes		Chauncey; Kalichman, Moira; Washington, Christopher; Grebler, Tamar						
104590179. Language:	Predictive Utility of Brief Alcohol Use Disorders Identification Test (AUDIT) for Human Immunodeficiency Virus Antiretroviral Medication Nonadherence	Substance Abuse	Broyles, Lauren Matukaitis; Gordon, Adam J.; Sereika, Susan M.; Ryan, Christopher M.; Erlen, Judith A.	no	yes	no	no		no
104177133. Language:	Requesting Help to Understand Medical Information Among People Living with HIV and Poor Health Literacy	AIDS Patient Care & STDs	Kalichman, Seth; Pellowski, Jennifer; Chen, Yiyun	no	yes	no	no		no
103795303. Language:	Synergistic effects of food insecurity and drug use on medication adherence among people living with HIV infection	Journal of Behavioral Medicine	Chen, Yiyun; Kalichman, Seth	no	yes	no	no		no
110568092. Language:	The HIV Care Cascade Measured Over Time and by Age, Sex, and Race in a Large National Integrated Care System	AIDS Patient Care & STDs		no	yes	no	no		no
104171970. Language:	Development of a Multilevel Intervention to Increase HIV Clinical Trial Participation Among Rural Minorities	Health Education & Behavior	Corbie-Smith, Giselle; Odeneye, Ebun; Banks, Bahby; Shandor Miles, Margaret; Roman Isler, Malika	yes	no	no	no		no
104049862. Language:	Identification of Evidence-Based Interventions for	AIDS & Behavior	Charania, Mahnaz; Marshall, Khiya; Lyles, Cynthia;	yes	no	no	no		no

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	Promoting HIV Medication Adherence: Findings from a Systematic Review of U.S.-Based Studies, 1996-2011		Crepaz, Nicole; Kay, Linda; Koenig, Linda; Weidle, Paul; Purcell, David						
104527211. Language:	Implementation of targeted interventions to decrease antiretroviral-related errors in hospitalized patients	American Journal of Health-System Pharmacy	Daniels, Lindsay M.; Raasch, Ralph H.; Corbett, Amanda H.	yes	no	no	no		no
104364186. Language:	Improved Quality of HIV Care over Time among Participants in a National Quality Improvement Initiative	Journal of Health Care for the Poor & Underserved	Chow, Wendy; Hirschhorn, Lisa R.; Ng, Darryl W.; Wells, Christopher G.; Schneider, Karen L.; Agins, Bruce D.	yes	no	no	no		no
104568620. Language:	Longitudinal Effects of SafeTalk, a Motivational Interviewing-Based Program to Improve Safer Sex Practices Among People Living with HIV/AIDS	AIDS & Behavior	Golin, Carol; Earp, Jo; Grodensky, Catherine; Patel, Shilpa; Suchindran, Chirayath; Parikh, Megha; Kalichman, Seth; Patterson, Kristine; Swygard, Heidi; Quinlivan, E.; Amola, Kemi; Chariyeva, Zulfiya; Groves, Jennifer	yes	no	no	no		no
103992254. Language:	A Randomized Controlled Trial of the Efficacy of a Stigma Reduction Intervention for HIV-Infected Women in the Deep South	AIDS Patient Care & STDs	Barroso, Julie; Relf, Michael V.; Williams, Megan Scull; Arscott, Joyell; Moore, Elizabeth D.; Caiola, Courtney; Silva, Susan G.	yes	no	no	no		no
104025082.	Patient Perspectives of	AIDS	Drainoni, Mari-Lynn;	yes	no	no	no		no

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Language:	an Integrated Program of Medical Care and Substance Use Treatment	Patient Care & STDs	Farrell, Caitlin; Sorensen-Alawad, Amy; Palmisano, Joseph N.; Chaisson, Christine; Walley, Alexander Y.						
20048680	Provider-focused intervention increases adherence-related dialogue but does not improve antiretroviral therapy adherence in persons with HIV	J Acquir Immune Defic Syndr	Wilson, I. B.; Laws, M. B.; Safren, S. A.; Lee, Y.; Lu, M.; Coady, W.; Skolnik, P. R.; Rogers, W. H.	yes	no	no	no		no
23020136	Serostatus disclosure to sexual partners among people living with HIV: examining the roles of partner characteristics and stigma	AIDS Care	Przybyla, S. M.; Golin, C. E.; Widman, L.; Grodensky, C. A.; Earp, J. A.; Suchindran, C.	no	yes	no	no		no
25153084	Psychosocial predictors of non-adherence and treatment failure in a large scale multi-national trial of antiretroviral therapy for HIV: data from the ACTG A5175/PEARLS trial	PLoS One	Safren, S. A.; Biello, K. B.; Smeaton, L.; Mimiaga, M. J.; Walawander, A.; Lama, J. R.; Rana, A.; Nyirenda, M.; Kayoyo, V. M.; Samaneka, W.; Joglekar, A.; Celentano, D.; Martinez, A.; Remmert, J. E.; Nair, A.; Laloo, U. G.; Kumarasamy, N.; Hakim, J.; Campbell, T. B.	no	yes	no	no		no
20146111	Testing a peer-based symptom management intervention for women	AIDS Care	Webel, A. R.	yes	no	no	no		no

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	living with HIV/AIDS								
2011-99080-232	Correlates of receipt of gynecologic care in HIV-infected women receiving care in the United States	NA	Odunze, Adaora N.	no	yes	no	no		no
16045374	A stress and coping model of medication adherence and viral load in HIV-positive men and women on highly active antiretroviral therapy (HAART)	Health Psychol	Weaver, K. E.; Llabre, M. M.; Duran, R. E.; Antoni, M. H.; Ironson, G.; Penedo, F. J.; Schneiderman, N.	no	yes	no	no		no
16777632	Correlates of health care utilization among HIV-seropositive injection drug users	AIDS Care	Mizuno, Y.; Wilkinson, J. D.; Santibanez, S.; Dawson Rose, C.; Knowlton, A.; Handley, K.; Gourevitch, M. N.	no	yes	yes	no		no
16706706	Provision of general and HIV-specific health maintenance in middle aged and older patients in an urban HIV clinic	AIDS Patient Care STDS	Sheth, A. N.; Moore, R. D.; Gebo, K. A.	no	yes	no	no		no
16687381	Reframing HIV adherence as part of the experience of illness	Soc Work Health Care	Golub, S. A.; Indyk, D.; Wainberg, M. L.	no	yes	no	no		no
25867780	Association of individual and systemic barriers to optimal medical care in people living with HIV/AIDS in Miami-Dade County	J Acquir Immune Defic Syndr	Wawrzyniak, A. J.; Rodriguez, A. E.; Falcon, A. E.; Chakrabarti, A.; Parra, A.; Park, J.; Mercogliano, K.; Villamizar, K.; Kolber, M. A.; Feaster, D. J.; Metsch, L. R.	no	yes	no	no		no
25867774	Barriers and facilitators to engagement of	J Acquir Immune	Remien, R. H.; Bauman, L. J.;	no	yes	no	no		no

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	vulnerable populations in HIV primary care in New York City	Defic Syndr	Mantell, J. E.; Tsoi, B.; Lopez-Rios, J.; Chhabra, R.; DiCarlo, A.; Watnick, D.; Rivera, A.; Teitelman, N.; Cutler, B.; Warne, P.						
25867777	Individual and community factors associated with geographic clusters of poor HIV care retention and poor viral suppression	J Acquir Immune Defic Syndr	Eberhart, M. G.; Yehia, B. R.; Hillier, A.; Voytek, C. D.; Fiore, D. J.; Blank, M.; Frank, I.; Metzger, D. S.; Brady, K. A.	no	yes	yes	no		no
24941443	Behavioral and clinical characteristics of persons receiving medical care for HIV infection - Medical Monitoring Project, United States, 2009	MMWR Surveill Summ	Blair, J. M.; Fagan, J. L.; Frazier, E. L.; Do, A.; Bradley, H.; Valverde, E. E.; McNaghten, A.; Beer, L.; Zhang, S.; Huang, P.; Mattson, C. L.; Freedman, M. S.; Johnson, C. H.; Sanders, C. C.; Spruit-McGoff, K. E.; Heffelfinger, J. D.; Skarbinski, J.	no	yes	no	no		no
17063136	Health services utilization for people with HIV infection: comparison of a population targeted for outreach with the U.S. population in care	Med Care	Cunningham, W. E.; Sohler, N. L.; Tobias, C.; Drainoni, M. L.; Bradford, J.; Davis, C.; Cabral, H. J.; Cunningham, C. O.; Eldred, L.; Wong, M. D.	no	yes	yes	no		no
23695522	Impact of Non-HIV Related Comorbidities on Retention in HIV Medical	AIDS & Behavior	Crawford, Timothy and Sanderson, Wayne and Breheny,	no	yes	no	no		no

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	Care: Does Retention Improve Over Time?		Patrick and Fleming, Steven and Thornton, Alice						
24245846	Positive affect promotes engagement in care after HIV diagnosis	Health Psychol	Carrico, A. W.; Moskowitz, J. T.	no	yes	no	no		no
20024734	Costs of care for people living with combined HIV/AIDS, chronic mental illness, and substance abuse disorders	AIDS Care	Conover, C. J.; Weaver, M.; Ang, A.; Arno, P.; Flynn, P. M.; Ettner, S. L.	no	yes	yes	no		no
25299604	Hispanics or Latinos living with diagnosed HIV: progress along the continuum of HIV care - United States, 2010	MMWR Morb Mortal Wkly Rep	Gant, Z.; Bradley, H.; Hu, X.; Skarbinski, J.; Hall, H. I.; Lansky, A.	no	yes	no	no		no
25704910	An in-depth mixed-methods approach to Ryan White HIV/AIDS care program comprehensive needs assessment from the Northeast Georgia Public Health District: the significance of patient privacy, psychological health, and social stigma to care	Eval Program Plann	Huff, A. and Chumbler, N. and Cherry, C. O.	no	yes	no	no		no
24797410	Site migration in seeking care services from multiple providers is associated with worse clinical outcomes among HIV-infected individuals in Washington, DC	AIDS Care	Jia, Y.; Sengupta, D.; Opoku, J.; Wu, C.; Griffin, A.; West, T.; Samala, R.; Shaikh, I.; Pappas, G.	no	yes	no	no		no
26179172	Health Beliefs and Co-	Journal of Community Health		no	yes	no	no		no



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	morbidities Associated with Appointment-Keeping Behavior Among HCV and HIV/HCV Patients								
16938672	Does distance affect utilization of substance abuse and mental health services in the presence of transportation services?	AIDS Care	Whetten, R.; Whetten, K.; Pence, B. W.; Reif, S.; Conover, C.; Bouis, S.	no	yes	no	no		no
17012079	Social relationships, stigma and adherence to antiretroviral therapy for HIV/AIDS	AIDS Care	Ware, N. C.; Wyatt, M. A.; Tugenberg, T.	no	yes	no	no		no
25835603	HIV Care Continuum Applied to the US Department of Veterans Affairs: HIV Virologic Outcomes in an Integrated Health Care System	J Acquir Immune Defic Syndr	Backus, L.	no	yes	no	no		no
16255464	Oral health findings for HIV-infected adult medical patients from the HIV Cost and Services Utilization Study	J Am Dent Assoc	Freed, J. R.; Marcus, M.; Freed, B. A.; Der-Martirosian, C.; Maida, C. A.; Younai, F. S.; Yamamoto, J. M.; Coulter, I. D.; Shapiro, M. F.	no	no	yes	no		no
21955175	A community-based study of barriers to HIV care initiation	AIDS Patient Care STDS	Pollini, R. A.; Blanco, E.; Crump, C.; Zuniga, M. L.	no	yes	yes	no		no
16706709	A comparison of HIV stigma and disclosure patterns between older and younger adults living with HIV/AIDS	AIDS Patient Care STDS	Emlet, C. A.	no	yes	no	no		no

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16706709	A comparison of HIV stigma and disclosure patterns between older and younger adults living with HIV/AIDS	AIDS Patient Care STDS	Emlet, C. A.	no	yes	no	no		no
16652320	A randomized trial of directly administered antiretroviral therapy and adherence case management intervention	Clin Infect Dis	Wohl, A. R.; Garland, W. H.; Valencia, R.; Squires, K.; Witt, M. D.; Kovacs, A.; Larsen, R.; Hader, S.; Anthony, M. N.; Weidle, P. J.	no	yes	no	no		no
18089984	Acceptability of A-CASI by HIV-positive IDUs in a multisite, randomized, controlled trial of behavioral intervention (INSPIRE)	J Acquir Immune Defic Syndr	Mizuno, Y.; Purcell, D. W.; Mackenzie, S.; Tobin, K. E.; Wunch, T.; Arnsten, J. H.; Metsch, L. R.	no	yes	no	no		no
22547877	Access to oral health care and self-reported health status among low-income adults living with HIV/AIDS	Public Health Rep	Bachman, S. S.; Walter, A. W.; Umez-Eronini, A.	no	yes	yes	no		no
19847637	Acculturation, coping styles, and health risk behaviors among HIV positive Latinas	AIDS Behav	Sanchez, M.; Rice, E.; Stein, J.; Milburn, N. G.; Rotheram-Borus, M. J.	no	yes	no	no		no
17978868	Adherence to antiretroviral medication regimens: a test of a psychosocial model	AIDS Behav	Diiorio, C.; McCarty, F.; Depadilla, L.; Resnicow, K.; Holstad, M. M.; Yeager, K.; Sharma, S. M.; Morisky, D. E.; Lundberg, B.	no	yes	no	no		no
19229685	Adherence to antiretroviral medications and medical care in HIV-	AIDS Care	Mellins, C. A.; Havens, J. F.; McDonnell, C.;	no	yes	no	no		no

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	infected adults diagnosed with mental and substance abuse disorders		Lichtenstein, C.; Uldall, K.; Chesney, M.; Santamaria, E. K.; Bell, J.						
21346587	Adverse health effects for individuals who move between HIV care centers	J Acquir Immune Defic Syndr	Krentz, H. B.; Worthington, H.; Gill, M. J.	no	yes	no	no		no
17209696	Age-associated predictors of medication adherence in HIV-positive adults: health beliefs, self-efficacy, and neurocognitive status	Health Psychol	Barclay, T. R.; Hinkin, C. H.; Castellon, S. A.; Mason, K. I.; Reinhard, M. J.; Marion, S. D.; Levine, A. J.; Durvasula, R. S.	no	yes	no	no		no
23890194	Are neighborhood conditions associated with HIV management?	HIV Med	Shacham, E.; Lian, M.; Onen, N. F.; Donovan, M.; Overton, E. T.	no	yes	no	no		no
19001104	Assessing quality of primary care provided to the HIV-infected Ryan White population in the Baltimore Eligible Metropolitan Area	Am J Med Qual	Kazi, S.; Boroumand, S.	no	no	yes	no		no
19056866	Association between health literacy and HIV treatment adherence: further evidence from objectively measured medication adherence	J Int Assoc Physicians AIDS Care (Chic)	Kalichman, S. C.; Pope, H.; White, D.; Cherry, C.; Amaral, C. M.; Swetzes, C.; Flanagan, J.; Kalichman, M. O.	no	yes	no	no		no
22528619	Association between race, depression, and antiretroviral therapy adherence in a low-income population with HIV infection	J Gen Intern Med	Kong, M. C.; Nahata, M. C.; Lacombe, V. A.; Seiber, E. E.; Balkrishnan, R.	no	yes	no	no		no
22246513	Association between use	AIDS	Rosen, M. I.; Black,	no	yes	no	no		no

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	of specific drugs and antiretroviral adherence: findings from MACH 14	Behav	A. C.; Arnsten, J. H.; Goggin, K.; Remien, R. H.; Simoni, J. M.; Golin, C. E.; Bangsberg, D. R.; Liu, H.						
18293137	Associations among correlates of schedule adherence to antiretroviral therapy (ART): a path analysis of a sample of crack cocaine using sexually active African-Americans with HIV infection	AIDS Care	Atkinson, J. S.; Schonnesson, L. N.; Williams, M. L.; Timpson, S. C.	no	yes	yes	no		no
24630628	Barriers and facilitators to engagement in lifestyle interventions among individuals with HIV	J Assoc Nurses AIDS Care	Capili, B.; Anastasi, J. K.; Chang, M.; Ogedegbe, O.	no	yes	no	no		no
23829330	Barriers and facilitators to testing, treatment entry, and engagement in care by HIV-positive women of color	AIDS Patient Care STDS	Messer, L. C.; Quinlivan, E. B.; Parnell, H.; Roytburd, K.; Adimora, A. A.; Bowditch, N.; DeSousa, N.	no	yes	no	no		no
16789855	Barriers to antiretroviral adherence: the importance of depression, abuse, and other traumatic events	AIDS Patient Care STDS	Mugavero, M.; Ostermann, J.; Whetten, K.; Leserman, J.; Swartz, M.; Stangl, D.; Thielman, N.	no	yes	yes	no		no
18677078	Barriers to cervical cancer screening among low-income HIV-positive African American women	J Health Care Poor Underserved	Andrasik, M. P.; Rose, R.; Pereira, D.; Antoni, M.	no	yes	yes	no		no
25826007	Barriers to HIV Care and	AIDS	Dombrowski, J. C.;	no	yes	no	no		no

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	Treatment Among Participants in a Public Health HIV Care Relinkage Program	Patient Care STDS	Simoni, J. M.; Katz, D. A.; Golden, M. R.						
25469916	Baseline social characteristics and barriers to care from a special projects of national significance women of color with HIV study: a comparison of urban and rural women and barriers to HIV care	AIDS Patient Care STDS	Eastwood, E. A.; Fletcher, J.; Quinlivan, E. B.; Verdecias, N.; Birnbaum, J. M.; Blank, A. E.	no	yes	yes	no		no
24126447	Behind the cascade: analyzing spatial patterns along the HIV care continuum	J Acquir Immune Defic Syndr	Eberhart, M. G.; Yehia, B. R.; Hillier, A.; Voytek, C. D.; Blank, M. B.; Frank, I.; Metzger, D. S.; Brady, K. A.	no	yes	no	no		no
25091306	Beyond core indicators of retention in HIV care: missed clinic visits are independently associated with all-cause mortality	Clin Infect Dis	Mugavero, M. J.; Westfall, A. O.; Cole, S. R.; Geng, E. H.; Crane, H. M.; Kitahata, M. M.; Mathews, W. C.; Napravnik, S.; Eron, J. J.; Moore, R. D.; Keruly, J. C.; Mayer, K. H.; Giordano, T. P.; Raper, J. L.	no	yes	no	no		no
18331632	Beyond satisfaction: using the Dynamics of Care assessment to better understand patients' experiences in care	Health Qual Life Outcomes	Rapkin, B.; Weiss, E.; Chhabra, R.; Ryniker, L.; Patel, S.; Carness, J.; Adsuar, R.; Kahalas, W.; Delemarter, C.; Feldman, I.;	no	yes	yes	no		no

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			Delorenzo, J.; Tanner, E.						
104835579. Language:	Bipolar Medication Use and Adherence to Antiretroviral Therapy Among Patients With HIV-AIDS and Bipolar Disorder	Psychiatric Services	Walkup, J. T.; Akincigil, A.; Chakravarty, S.; Olfson, M.; Bilder, S.; Amin, S.; Siegel, M. J.; Crystal, S.	no	yes	no	no		no
22149765	Causes of hospitalization and perceived access to care among persons newly diagnosed with HIV infection: implications for HIV testing programs	AIDS Patient Care STDS	Shahani, L.; Hartman, C.; Troisi, C.; Kapadia, A.; Giordano, T. P.	no	yes	yes	no		no
20640593	Changes in stress, substance use and medication beliefs are associated with changes in adherence to HIV antiretroviral therapy	AIDS Behav	French, T.; Tesoriero, J.; Agins, B.	no	yes	no	no		no
21503833	Clinician-assessed depression and HAART adherence in HIV-infected individuals in methadone maintenance treatment	Ann Behav Med	Gonzalez, J. S.; Psaros, C.; Batchelder, A.; Applebaum, A.; Newville, H.; Safren, S. A.	no	yes	no	no		no
24332577	Commitment strength, alcohol dependence and HealthCall participation: effects on drinking reduction in HIV patients	Drug Alcohol Depend	Aharonovich, E.; Stohl, M.; Ellis, J.; Amrhein, P.; Hasin, D.	no	yes	no	no		no
2013-00413-003	Comparing different measures of retention in outpatient HIV care	AIDS	Yehia, Baligh R.; Fleishman, John A.; Metlay, Joshua P.; Korthuis, P. Todd; Agwu, Allison L.;	no	yes	no	no		no

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			Berry, Stephen A.; Moore, Richard D.; Gebo, Kelly A.						
23698680	Comparing homeless and domiciled patients' utilization of the Harris County, Texas public hospital system	J Health Care Poor Underserved	Buck, D. S.; Brown, C. A.; Mortensen, K.; Riggs, J. W.; Franzini, L.	no	yes	yes	no		no
19166089	Comparing the costs of HIV screening strategies and technologies in health-care settings	Public Health Rep	Farnham, P. G.; Hutchinson, A. B.; Sansom, S. L.; Branson, B. M.	no	no	yes	no		no
25665013	Comparison of HIV outcomes for patients linked at hospital versus community-based clinics	AIDS Patient Care STDS	Schranz, A. J.; Brady, K. A.; Momplaisir, F.; Metlay, J. P.; Stephens, A.; Yehia, B. R.	no	yes	yes	no		no
23023657	Continuity of care in a cohort of HIV-infected former jail detainees	J Correct Health Care	Khawcharoenporn, T.; Zawitz, C.; Young, J. D.; Kessler, H. A.	no	yes	no	no		no
21284498	Continuity of HIV-related medical care, New York City, 2005-2009: Do patients who initiate care stay in care?	AIDS Patient Care STDS	Torian, L. V.; Wiewel, E. W.	no	yes	no	no		no
23673792	Contribution of substance use disorders on HIV treatment outcomes and antiretroviral medication adherence among HIV-infected persons entering jail	AIDS Behav	Chitsaz, E.; Meyer, J. P.; Krishnan, A.; Springer, S. A.; Marcus, R.; Zaller, N.; Jordan, A. O.; Lincoln, T.; Flanigan, T. P.; Porterfield, J.; Altice, F. L.	no	yes	no	no		no
17436074	Coping with HIV treatment side effects: conceptualization, measurement, and	AIDS Behav	Johnson, M. O.; Neilands, T. B.	no	yes	no	no		no

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	linkages								
23161210	Correlates of retention in HIV care after release from jail: results from a multi-site study	AIDS Behav	Althoff, A. L.; Zelenev, A.; Meyer, J. P.; Fu, J.; Brown, S. E.; Vagenas, P.; Avery, A. K.; Cruzado-Quinones, J.; Spaulding, A. C.; Altice, F. L.	no	yes	no	no		no
26120890	Correlation of Internet Use for Health Care Engagement Purposes and HIV Clinical Outcomes Among HIV-Positive Individuals Using Online Social Media	J Health Commun	Saberi, P.; Johnson, M. O.	no	yes	no	no		no
21777141	Cultural rationales guiding medication adherence among African American with HIV/AIDS	AIDS Patient Care STDS	Sankar, A.; Neufeld, S.; Berry, R.; Luborsky, M.	no	yes	yes	no		no
22316090	Delayed entry into HIV medical care after HIV diagnosis: risk factors and research methods	AIDS Care	Jenness, S. M.; Myers, J. E.; Neaigus, A.; Lulek, J.; Navejas, M.; Raj-Singh, S.	no	yes	no	no		no
23180286	Depression longitudinally mediates the association of appearance concerns to ART non-adherence in HIV-infected individuals with a history of injection drug use	J Behav Med	Blashill, A. J.; Gordon, J. R.; Safren, S. A.	no	yes	no	no		no
16494629	Determinants of discontinuation of initial highly active antiretroviral therapy regimens in a US	HIV Med	Yuan, Y.; L'Italien, G.; Mukherjee, J.; Iloeje, U. H.	no	yes	no	no		no



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	HIV-infected patient cohort								
18389363	Development and psychometric assessment of a multidimensional measure of internalized HIV stigma in a sample of HIV-positive adults	AIDS Behav	Sayles, J. N.; Hays, R. D.; Sarkisian, C. A.; Mahajan, A. P.; Spritzer, K. L.; Cunningham, W. E.	no	yes	no	no		no
24755037	Differences in outpatient care and treatment utilization for patients with HIV/HCV coinfection, HIV, and HCV mono-infection, a cross-sectional study	BMC Infect Dis	Johnson, T. L.; Toliver, J. C.; Mao, L.; Oramasionwu, C. U.	no	no	yes	no		no
17943043	Differences in the pre- and post-Katrina New Orleans HIV outpatient clinic population: who has returned?	South Med J	Clark, R. A.; Broyles, S.; Besch, L.	no	yes	no	no		no
17584813	Discovery of meaning and adherence to medications in HIV-infected women	J Health Psychol	Westling, E.; Garcia, K.; Mann, T.	no	yes	no	no		no
23392459	Disparities in engagement in care and viral suppression among persons with HIV	J Acquir Immune Defic Syndr	Muthulingam, D.; Chin, J.; Hsu, L.; Scheer, S.; Schwarcz, S.	no	yes	yes	no		no
24463281	Disparities in the quality of HIV care when using US Department of Health and Human Services indicators	Clin Infect Dis	Althoff, K. N.; Rebeiro, P.; Brooks, J. T.; Buchacz, K.; Gebo, K.; Martin, J.; Hogg, R.; Thorne, J. E.; Klein, M.; Gill, M. J.; Sterling, T. R.; Yehia, B.; Silverberg,	no	yes	no	no		no

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			M. J.; Crane, H.; Justice, A. C.; Gange, S. J.; Moore, R.; Kitahata, M. M.; Horberg, M. A.						
20963630	Do social support, stress, disclosure and stigma influence retention in HIV care for Latino and African American men who have sex with men and women?	AIDS Behav	Wohl, A. R.; Galvan, F. H.; Myers, H. F.; Garland, W.; George, S.; Witt, M.; Cadden, J.; Operskalski, E.; Jordan, W.; Carpio, F.; Lee, M. L.	no	yes	no	no		no
16475893	Domestic violence in barriers to health care for HIV-positive women	AIDS Patient Care STDS	Lichtenstein, B.	no	yes	yes	no		no
22879972	Emergency department use by released prisoners with HIV: an observational longitudinal study	PLoS One	Meyer, J. P.; Qiu, J.; Chen, N. E.; Larkin, G. L.; Altice, F. L.	no	yes	no	no		no
19682102	Emergency department utilization among HIV-infected patients in a multisite multistate study	HIV Med	Josephs, J. S.; Fleishman, J. A.; Korhuis, P. T.; Moore, R. D.; Gebo, K. A.	no	yes	no	no		no
20408389	Enrollment in outpatient care among newly released prison inmates with HIV infection	Public Health Rep	Baillargeon, J. G.; Giordano, T. P.; Harzke, A. J.; Baillargeon, G.; Rich, J. D.; Paar, D. P.	no	yes	no	no		no
25469520	Estimating the cost of increasing retention in care for HIV-infected patients: results of the CDC/HRSA retention in care trial	J Acquir Immune Defic Syndr	Shrestha, R. K.; Gardner, L.; Marks, G.; Craw, J.; Malitz, F.; Giordano, T. P.; Sullivan, M.; Keruly, J.; Rodriguez, A.; Wilson, T. E.;	no	yes	yes	no		no

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			Mugavero, M.						
15916493	Evaluation of an antiretroviral medication attitude scale and relationships between medication attitudes and medication nonadherence	AIDS Patient Care STDS	Viswanathan, H.; Anderson, R.; Thomas, J., 3rd	no	yes	yes	no		no
104287473. Language:	Evaluation of Longitudinal Clinical Outcomes and Adherence to Care among HIV-Infected Refugees	Journal of the International Association of Providers of AIDS Care	Winston, Susanna E.; Montague, Brian T.; Lopez, Michael J.; Delong, Allison; Lemarchand, Chloe; Bedoya, Armando; Gillani, Fizza S.; Beckwith, Curt G.	no	yes	no	no		no
23108721	Evaluation of the single-item self-rating adherence scale for use in routine clinical care of people living with HIV	AIDS Behav	Feldman, B. J.; Fredericksen, R. J.; Crane, P. K.; Safren, S. A.; Mugavero, M. J.; Willig, J. H.; Simoni, J. M.; Wilson, I. B.; Saag, M. S.; Kitahata, M. M.; Crane, H. M.	no	yes	no	no		no
24643444	Examining associations between cognitive-affective vulnerability and HIV symptom severity, perceived barriers to treatment adherence, and viral load among HIV-positive adults	Int J Behav Med	Leyro, T. M.; Vujanovic, A. A.; Bonn-Miller, M. O.	no	yes	no	no		no
23204161	Factors associated with adherence amongst 5295 people receiving	J Infect Dis	O'Connor, J. L.; Gardner, E. M.; Mannheimer, S. B.;	no	yes	no	no		no

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	antiretroviral therapy as part of an international trial		Lifson, A. R.; Esser, S.; Telzak, E. E.; Phillips, A. N.						
19401865	Factors associated with adherence to highly active antiretroviral therapy in homeless or unstably housed adults living with HIV	AIDS Care	Royal, S. W.; Kidder, D. P.; Patrabanish, S.; Wolitski, R. J.; Holtgrave, D. R.; Aidala, A.; Pals, S.; Stall, R.	no	yes	no	no		no
16711309	Factors associated with delayed initiation of HIV medical care among infected persons attending a southern HIV/AIDS clinic	South Med J	Krawczyk, C. S.; Funkhouser, E.; Kilby, J. M.; Kaslow, R. A.; Bey, A. K.; Vermund, S. H.	no	yes	yes	no		no
22594352	Factors associated with no or delayed linkage to care in newly diagnosed human immunodeficiency virus (HIV)-1-infected patients identified by emergency department-based rapid HIV screening programs in two urban EDs	Acad Emerg Med	Rothman, R. E.; Kelen, G. D.; Harvey, L.; Shahan, J. B.; Hairston, H.; Burah, A.; Moring-Parris, D.; Hsieh, Y. H.	no	yes	yes	no		no
25458205	Factors associated with retention and viral suppression among a cohort of HIV+ women of color	AIDS Patient Care STDS	Blank, A. E.; Fletcher, J.; Verdecias, N.; Garcia, I.; Blackstock, O.; Cunningham, C.	no	yes	yes	no		no
23584606	Factors associated with treatment initiation for psychiatric and substance use disorders among persons with HIV	Psychiatr Serv	Satre, D. D.; DeLorenze, G. N.; Quesenberry, C. P.; Tsai, A.; Weisner, C.	no	yes	no	no		no
24022091	Food insecurity and antiretroviral adherence	J Behav Med	Kalichman, S. C.; Grebler, T.; Amaral,	no	yes	no	no		no

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	among HIV positive adults who drink alcohol		C. M.; McKerney, M.; White, D.; Kalichman, M. O.; Cherry, C.; Eaton, L.						
23570481	Frequent emergency department use among released prisoners with human immunodeficiency virus: characterization including a novel multimorbidity index	Acad Emerg Med	Meyer, J. P.; Qiu, J.; Chen, N. E.; Larkin, G. L.; Altice, F. L.	no	yes	yes	no		no
22797951	Geopolitical and cultural factors affecting ARV adherence on the US-Mexico border	J Immigr Minor Health	Shedlin, M. G.; Decena, C. U.; Beltran, O.	no	yes	yes	no		no
104218091. Language:	Geopolitical and Cultural Factors Affecting ARV Adherence on the US-Mexico Border	Journal of Immigrant & Minority Health	Shedlin, Michele; Decena, Carlos; Beltran, Oscar	no	no	yes	no		no
17099312	Hazardous alcohol use: a risk factor for non-adherence and lack of suppression in HIV infection	J Acquir Immune Defic Syndr	Chander, G.; Lau, B.; Moore, R. D.	no	yes	no	no		no
16232053	Health care access and utilization patterns in unstably housed HIV-infected individuals in New York City	AIDS Patient Care STDS	Cunningham, C. O.; Sohler, N. L.; McCoy, K.; Heller, D.; Selwyn, P. A.	no	yes	yes	no		no
17971562	Health status, health care use, medication use, and medication adherence among homeless and housed people living with HIV/AIDS	Am J Public Health	Kidder, D. P.; Wolitski, R. J.; Campsmith, M. L.; Nakamura, G. V.	no	yes	yes	no		no

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23335641	HIV diagnosis and utilisation of HIV-related medical care among foreign-born persons in New York City, 2001-2009	Sex Transm Infect	Wiewel, E. W.; Torian, L. V.; Nasrallah, H. N.; Hanna, D. B.; Shepard, C. W.	no	yes	no	no		no
106508703. Language:	HIV postexposure prophylaxis in sexual assault: current practice and patient adherence to treatment recommendations in a large urban teaching hospital	Academic Emergency Medicine	Linden, J. A.; Oldeg, P.; Mehta, S. D.; McCabe, K. K.; LaBelle, C.	no	no	yes	no		no
24983302	HIV stigma among substance abusing people living with HIV/AIDS: implications for HIV treatment	AIDS Patient Care STDS	Levi-Minzi, M. A.; Surratt, H. L.	no	yes	no	no		no
103981922. Language:	HIV Stigma Among Substance Abusing People Living with HIV/AIDS: Implications for HIV Treatment	AIDS Patient Care & STDs	Levi-Minzi, Maria A.; Surratt, Hilary L.	no	yes	no	no		no
23456594	HIV stigma mechanisms and well-being among PLWH: a test of the HIV stigma framework	AIDS Behav	Earnshaw, V. A.; Smith, L. R.; Chaudoir, S. R.; Amico, K. R.; Copenhaver, M. M.	no	yes	no	no		no
19694550	HIV testing factors associated with delayed entry into HIV medical care among HIV-infected persons from eighteen states, United States, 2000-2004	AIDS Patient Care STDS	Reed, J. B.; Hanson, D.; McNaghten, A. D.; Bertolli, J.; Teshale, E.; Gardner, L.; Sullivan, P.	no	yes	yes	no		no
24714446	HIV treatment cascade	Sex	Santos, G. M.;	no	yes	no	no		no

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	among transgender women in a San Francisco respondent driven sampling study	Transm Infect	Wilson, E. C.; Rapues, J.; Macias, O.; Packer, T.; Raymond, H. F.						
20661839	HIV-associated prospective memory impairment in the laboratory predicts failures on a semi-naturalistic measure of health care compliance	Clin Neuropsychol	Zogg, J. B.; Woods, S. P.; Weber, E.; Iudicello, J. E.; Dawson, M. S.; Grant, I.	no	yes	no	no		no
21400307	HIV-related medical service use by rural/urban residents: a multistate perspective	AIDS Care	Wilson, L. E.; Korthuis, T.; Fleishman, J. A.; Conviser, R.; Lawrence, P. B.; Moore, R. D.; Gebo, K. A.	no	yes	yes	no		no
17577657	Homelessness prevention: the effect of a shallow rent subsidy program on housing outcomes among people with HIV or AIDS	AIDS Behav	Dasinger, L. K.; Speigman, R.	no	yes	no	no		no
17768674	Housing need, housing assistance, and connection to HIV medical care	AIDS Behav	Aidala, A. A.; Lee, G.; Abramson, D. M.; Messeri, P.; Siegler, A.	no	yes	no	no		no
17133204	Impact of enhanced services on virologic outcomes in a directly administered antiretroviral therapy trial for HIV-infected drug users	J Acquir Immune Defic Syndr	Smith-Rohrberg, D.; Mezger, J.; Walton, M.; Bruce, R. D.; Altice, F. L.	no	yes	no	no		no
23517139	Impact of health care payer type on HIV stage	AIDS Care	Schneider, G.; Juday, T.; Wentworth, C.,	no	no	yes	no		no

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	of illness at time of initiation of antiretroviral therapy in the USA		3rd; Lanes, S.; Hebden, T.; Seekins, D.						
24070644	Impact of hepatitis C treatment initiation on adherence to concomitant medications	J Assoc Nurses AIDS Care	Pizzirusso, M.; Lin, J.; Head, C.; Marcus, S. M.; Ahmed, S.; Brau, N.; Weiss, J. J.	no	yes	no	no		no
16604295	Impact of HIV-related stigma on health behaviors and psychological adjustment among HIV-positive men and women	AIDS Behav	Vanable, P. A.; Carey, M. P.; Blair, D. C.; Littlewood, R. A.	no	yes	no	no		no
21811144	Increased mortality among publicly insured participants in the HIV Outpatient Study despite HAART treatment	Aids	Palella, F. J., Jr.; Baker, R. K.; Buchacz, K.; Chmiel, J. S.; Tedaldi, E. M.; Novak, R. M.; Durham, M. D.; Brooks, J. T.	no	no	yes	no		no
20552469	Information-motivation-behavioral skills barriers associated with intentional versus unintentional ARV non-adherence behavior among HIV+ patients in clinical care	AIDS Care	Norton, W. E.; Amico, K. R.; Fisher, W. A.; Shuper, P. A.; Ferrer, R. A.; Cornman, D. H.; Trayling, C. A.; Redding, C.; Fisher, J. D.	no	yes	no	no		no
23551395	Intention to adhere to HIV treatment: a patient-centred predictor of antiretroviral adherence	HIV Med	Nelsen, A.; Gupta, S.; Trautner, B. W.; Petersen, N. J.; Garza, A.; Giordano, T. P.; Naik, A. D.; Rodriguez-Barradas, M. C.	no	yes	no	no		no
23065532	Intentional non-adherence to	J Gen Intern Med	Kalichman, S. C.; Grebler, T.; Amaral,	no	yes	no	no		no



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	medications among HIV positive alcohol drinkers: prospective study of interactive toxicity beliefs		C. M.; McNerey, M.; White, D.; Kalichman, M. O.; Cherry, C.; Eaton, L.						
17514382	Is patients' preferred involvement in health decisions related to outcomes for patients with HIV?	J Gen Intern Med	Beach, M. C.; Duggan, P. S.; Moore, R. D.	no	yes	no	no		no
23054036	Jails as an opportunity to increase engagement in HIV care: findings from an observational cross-sectional study	AIDS Behav	Avery, A. K.; Ciomcia, R. W.; Lincoln, T.; Desbrais, M.; Jordan, A. O.; Rana, A. I.; Machezano, R.	no	yes	yes	no		no
103936198. Language:	KNOWING PARTICIPATION IN CHANGE AND PATIENT ADHERENCE TO ANTIRETROVIRAL THERAPY IN HIV INFECTED ADULTS	Visions: The Journal of Rogerian Nursing Science	Kirton, Carl A.; Morris, Diana Lynn	no	yes	no	no		no
21877252	Liver transplantation trends in the HIV population	Dig Dis Sci	Kemmer, N. M.; Sherman, K. E.	no	no	yes	no		no
17594252	Living with HIV but without medical care: barriers to engagement	AIDS Patient Care STDS	Tobias, C. R.; Cunningham, W.; Cabral, H. D.; Cunningham, C. O.; Eldred, L.; Naar-King, S.; Bradford, J.; Sohler, N. L.; Wong, M. D.; Drainoni, M. L.	no	yes	no	no		no
23669157	Lost or just not following up: public health effort to re-engage HIV-infected persons lost to follow-up into HIV medical care	Aids	Udeagu, C. C.; Webster, T. R.; Bocour, A.; Michel, P.; Shepard, C. W.	no	yes	no	no		no

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24274688	Medication adherence in HIV-positive patients with diabetes or hypertension: a focus group study	BMC Health Serv Res	Monroe, A. K.; Rowe, T. L.; Moore, R. D.; Chander, G.	no	yes	no	no		no
17503172	Medication adherence mediates the relationship between adherence self-efficacy and biological assessments of HIV health among those with alcohol use disorders	AIDS Behav	Parsons, J. T.; Rosof, E.; Mustanski, B.	no	yes	no	no		no
22968399	Memory-based strategies for antiretroviral medication management: an evaluation of clinical predictors, adherence behavior awareness, and effectiveness	AIDS Behav	Blackstone, K.; Woods, S. P.; Weber, E.; Grant, I.; Moore, D. J.	no	yes	no	no		no
22530794	Methamphetamine use and neuropsychiatric factors are associated with antiretroviral non-adherence	AIDS Care	Moore, D. J.; Blackstone, K.; Woods, S. P.; Ellis, R. J.; Atkinson, J. H.; Heaton, R. K.; Grant, I.	no	yes	no	no		no
17984744	Minorities, the poor, and survivors of abuse: HIV-infected patients in the US deep South	South Med J	Pence, B. W.; Reif, S.; Whetten, K.; Leserman, J.; Stangl, D.; Swartz, M.; Thielman, N.; Mugavero, M. J.	no	no	yes	no		no
23450876	Missed connections: HIV-infected people never in care	Public Health Rep	Bertolli, J.; Garland, P. M.; Valverde, E. E.; Beer, L.; Fagan, J. L.; Hart, C.	no	yes	yes	no		no
25491946	Multilevel challenges to engagement in HIV care after prison release: a	BMC Public Health	Haley, D. F.; Golin, C. E.; Farel, C. E.; Wohl, D. A.; Scheyett, A. M.;	no	yes	no	no		no

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	theory-informed qualitative study comparing prisoners' perspectives before and after community reentry		Garrett, J. J.; Rosen, D. L.; Parker, S. D.						
20173648	Never in care: characteristics of HIV-infected crack cocaine users in 2 US cities who have never been to outpatient HIV care	J Acquir Immune Defic Syndr	Bell, C.; Metsch, L. R.; Vogenthaler, N.; Cardenas, G.; Rodriguez, A.; Locascio, V.; Kuper, T.; Scharf, E.; Marquez, A.; Yohannan, M.; del Rio, C.	no	yes	no	no		no
22766967	Pain, mood, and substance abuse in HIV: implications for clinic visit utilization, antiretroviral therapy adherence, and virologic failure	J Acquir Immune Defic Syndr	Merlin, J. S.; Westfall, A. O.; Raper, J. L.; Zinski, A.; Norton, W. E.; Willig, J. H.; Gross, R.; Ritchie, C. S.; Saag, M. S.; Mugavero, M. J.	no	yes	yes	no		no
22870846	Pastor and lay leader perceptions of barriers and supports to HIV ministry maintenance in an African American church	J Relig Health	Stewart, J. M.	no	yes	no	no		no
23288378	Patient activation and improved outcomes in HIV-infected patients	J Gen Intern Med	Marshall, R.; Beach, M. C.; Saha, S.; Mori, T.; Loveless, M. O.; Hibbard, J. H.; Cohn, J. A.; Sharp, V. L.; Korhuis, P. T.	no	yes	no	no		no
17284499	Patient-related factors predicting HIV medication adherence among men and women	J Health Psychol	Parsons, J. T.; Rosof, E.; Mustanski, B.	no	yes	no	no		no

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	with alcohol problems								
23250298	Patterns and correlates of linkage to appropriate HIV care after HIV diagnosis in the US Medicaid population	Sex Transm Dis	Johnston, S. S.; Juday, T.; Seekins, D.; Hebden, T.; Fulcher, N.; Farr, A. M.; Chu, B. C.; Mullins, C. D.	no	yes	no	no		no
16548714	Patterns of HIV care for patients with serious mental illness	AIDS Patient Care STDS	Bogart, L. M.; Fremont, A. M.; Young, A. S.; Pantoja, P.; Chinman, M.; Morton, S.; Koegel, P.; Sullivan, G.; Kanouse, D. E.	no	yes	no	no		no
23334359	Personal health record use and its association with antiretroviral adherence: survey and medical record data from 1871 US veterans infected with HIV	AIDS Behav	Keith McInnes, D.; Shimada, S. L.; Rao, S. R.; Quill, A.; Duggal, M.; Gifford, A. L.; Brandt, C. A.; Houston, T. K.; Ohl, M. E.; Gordon, K. S.; Mattocks, K. M.; Kazis, L. E.; Justice, A. C.	no	yes	no	no		no
23143751	Personal HIV knowledge, appointment adherence and HIV outcomes	AIDS Behav	Jones, D.; Cook, R.; Rodriguez, A.; Waldrop-Valverde, D.	no	yes	yes	no		no
24801492	Personal meaning, social support, and perceived stigma in individuals receiving HIV mental health services	J Clin Psychol Med Settings	Farber, E. W.; Lamis, D. A.; Shahane, A. A.; Campos, P. E.	no	yes	no	no		no
20711651	Persons newly diagnosed with HIV infection are at high risk for depression and poor linkage to care: results	AIDS Behav	Bhatia, R.; Hartman, C.; Kallen, M. A.; Graham, J.; Giordano, T. P.	no	yes	yes	no		no

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	from the Steps Study								
23605401	Polypharmacy and risk of antiretroviral drug interactions among the aging HIV-infected population	J Gen Intern Med	Holtzman, C.; Armon, C.; Tedaldi, E.; Chmiel, J. S.; Buchacz, K.; Wood, K.; Brooks, J. T.	no	no	yes	no		no
24377076	Poorer neuropsychological performance increases risk for social services among HIV-infected individuals	Hawaii J Med Public Health	Umaki, T. M.; Gangcuangco, L. M.; Chow, D. C.; Nakamoto, B. K.; Marotz, L.; Kallianpur, K. J.; Shikuma, C. M.	no	yes	yes	no		no
15664714	Predictors of substance use frequency and reductions in seriousness of use among persons living with HIV	Drug Alcohol Depend	Lightfoot, M.; Rogers, T.; Goldstein, R.; Rotheram-Borus, M. J.; May, S.; Kirshenbaum, S.; Weinhardt, L.; Zadoretzky, C.; Kittel, L.; Johnson, M.; Gore-Felton, C.; Morin, S. F.	no	yes	yes	no		no
16813512	Prevalence of complementary and alternative medicine use among HIV patients for perceived lipodystrophy	J Altern Complement Med	Cho, M.; Ye, X.; Dobs, A.; Cofrancesco, J., Jr.	no	yes	yes	no		no
24592813	Preventive health care among HIV positive women in a Utah HIV/AIDS clinic: a retrospective cohort study	BMC Womens Health	Simonsen, S. E.; Kepka, D.; Thompson, J.; Warner, E. L.; Snyder, M.; Ries, K. M.	no	yes	no	no		no
24464408	Provider-patient communication about adherence to anti-retroviral regimens differs	AIDS Behav	Laws, M. B.; Lee, Y.; Rogers, W. H.; Beach, M. C.; Saha, S.; Korthuis, P. T.;	no	yes	no	no		no

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	by patient race and ethnicity		Sharp, V.; Cohn, J.; Moore, R.; Wilson, I. B.						
21145198	Psychometric properties of a Symptom Management Self-Efficacy Scale for women living with HIV/AIDS	J Pain Symptom Manage	Webel, A. R.; Okonsky, J.	no	yes	no	no		no
19921420	Psychosocial factors associated with successful transition into HIV case management for those without primary care in an urban area	AIDS Behav	Johnson, D.; Polansky, M.; Matosky, M.; Teti, M.	no	yes	no	no		no
18701730	Racial, gender and geographic disparities of antiretroviral treatment among US Medicaid enrollees in 1998	J Epidemiol Community Health	King, W. D.; Minor, P.; Ramirez Kitchen, C.; Ore, L. E.; Shoptaw, S.; Victorianne, G. D.; Rust, G.	no	yes	no	no		no
18580614	Rates of hospitalizations and associated diagnoses in a large multisite cohort of HIV patients in the United States, 1994-2005	Aids	Buchacz, K.; Baker, R. K.; Moorman, A. C.; Richardson, J. T.; Wood, K. C.; Holmberg, S. D.; Brooks, J. T.	no	no	yes	no		no
104438903. Language:	Reaching Haitian Americans Living With HIV/AIDS: Met and Unmet Health Care Needs	Journal of HIV/AIDS & Social Services	DeRigne, LeaAnne; Choi, Jung Jin; Barsky, Allan E.; Albertini, Velmarie	no	yes	no	no		no
24056066	Receipt of HIV/STD prevention counseling by HIV-infected adults receiving medical care in the United States	Aids	Mizuno, Y.; Zhu, J.; Crepaz, N.; Beer, L.; Purcell, D. W.; Johnson, C. H.; Valverde, E. E.; Skarbinski, J.	no	yes	no	no		no

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17675724	Recently released with HIV/AIDS: primary care treatment needs and experiences	J Health Care Poor Underserved	Fontana, L.; Beckerman, A.	no	yes	yes	no		no
16475891	Religious beliefs, practices and treatment adherence among individuals with HIV in the southern United States	AIDS Patient Care STDS	Parsons, S. K.; Cruise, P. L.; Davenport, W. M.; Jones, V.	no	yes	no	no		no
23242158	Retention among North American HIV-infected persons in clinical care, 2000-2008	J Acquir Immune Defic Syndr	Rebeiro, P.; Althoff, K. N.; Buchacz, K.; Gill, J.; Horberg, M.; Krentz, H.; Moore, R.; Sterling, T. R.; Brooks, J. T.; Gebo, K. A.; Hogg, R.; Klein, M.; Martin, J.; Mugavero, M.; Rourke, S.; Silverberg, M. J.; Thorne, J.; Gange, S. J.	no	yes	no	no		no
2013-05118-009	Retention among North American HIV-infected persons in clinical care, 2000-2008	JAIDS Journal of Acquired Immune Deficiency Syndromes	Rebeiro, Peter; Althoff, Keri N.; Buchacz, Kate; Gill, John; Horberg, Michael; Krentz, Hartmut; Moore, Richard; Sterling, Timothy R.; Brooks, John T.; Gebo, Kelly A.; Hogg, Robert; Klein, Marina; Martin, Jeffrey; Mugavero, Michael; Rourke, Sean; Silverberg,	no	yes	no	no		no

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			Michael J.; Thorne, Jennifer; Gange, Stephen J.						
24493009	Retention in care within 1 year of initial HIV care visit in a multisite US cohort: who's in and who's out?	J Int Assoc Provid AIDS Care	Tedaldi, E. M.; Richardson, J. T.; Debes, R.; Young, B.; Chmiel, J. S.; Durham, M. D.; Brooks, J. T.; Buchacz, K.	no	yes	yes	no		no
22547876	Retention of people living with HIV/AIDS in oral health care	Public Health Rep	Tobias, C. R.; Fox, J. E.; Walter, A. W.; Lemay, C. A.; Abel, S. N.	no	yes	yes	no		no
19925308	Routine screening for depression: identifying a challenge for successful HIV care	AIDS Patient Care STDS	Shacham, E.; Nurutdinova, D.; Satyanarayana, V.; Stamm, K.; Overton, E. T.	no	yes	no	no		no
20210646	Routine, self-administered, touch-screen, computer-based suicidal ideation assessment linked to automated response team notification in an HIV primary care setting	Clin Infect Dis	Lawrence, S. T.; Willig, J. H.; Crane, H. M.; Ye, J.; Aban, I.; Lober, W.; Nevin, C. R.; Batey, D. S.; Mugavero, M. J.; McCullumsmith, C.; Wright, C.; Kitahata, M.; Raper, J. L.; Saag, M. S.; Schumacher, J. E.	no	yes	yes	no		no
19229695	Self-efficacy and depression as mediators of the relationship between pain and antiretroviral adherence	AIDS Care	Berg, K. M.; Cooperman, N. A.; Newville, H.; Arnsten, J. H.	no	yes	no	no		no
104438902. Language:	Social and Clinical Determinants Influencing	Journal of HIV/AIDS &	Hillman, Daniel; Carelock, Brittny;	no	yes	no	no		no



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	HIV Treatment Among Hoosiers	Social Services	Tobias, Jodi; Connor, Michael; Roseberry, Jeremy; Lofton, Stephanie; Carnicom, Lois						
22871482	Social support networks and primary care use by HIV-infected drug users	J Assoc Nurses AIDS Care	Ramaswamy, M.; Kelly, P. J.; Li, X.; Berg, K. M.; Litwin, A. H.; Arnsten, J. H.	no	yes	yes	no		no
23311323	Social-cognitive correlates of antiretroviral therapy adherence among HIV-infected individuals receiving infectious disease care in a medium-sized northeastern US city	AIDS Care	Brown, J. L.; Littlewood, R. A.; Venable, P. A.	no	yes	no	no		no
19110909	Sociodemographic factors predict early discontinuation of HIV non-nucleoside reverse transcriptase inhibitors and protease inhibitors	J Natl Med Assoc	Asad, S.; Hulgán, T.; Raffanti, S. P.; Daugherty, J.; Ray, W.; Sterling, T. R.	no	yes	yes	no		no
20716711	Stress and poverty predictors of treatment adherence among people with low-literacy living with HIV/AIDS	Psychosom Med	Kalichman, S. C.; Grebler, T.	no	yes	no	no		no
20703792	Substance use and the quality of patient-provider communication in HIV clinics	AIDS Behav	Korthuis, P. T.; Saha, S.; Chander, G.; McCarty, D.; Moore, R. D.; Cohn, J. A.; Sharp, V. L.; Beach, M. C.	no	yes	no	no		no
22350832	Technology use and reasons to participate in social networking health	AIDS Behav	Horvath, K. J.; Danilenko, G. P.; Williams, M. L.;	no	yes	yes	no		no

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	websites among people living with HIV in the US		Simoni, J.; Amico, K. R.; Oakes, J. M.; Simon Rosser, B. R.						
23075914	The association between diet and physical activity on insulin resistance in the Women's Interagency HIV Study	J Acquir Immune Defic Syndr	Hessol, N. A.; Ameli, N.; Cohen, M. H.; Urwin, S.; Weber, K. M.; Tien, P. C.	no	no	yes	no		no
19653047	The association of stigma with self-reported access to medical care and antiretroviral therapy adherence in persons living with HIV/AIDS	J Gen Intern Med	Sayles, J. N.; Wong, M. D.; Kinsler, J. J.; Martins, D.; Cunningham, W. E.	no	no	yes	no		no
106180571. Language:	The effect of perceived stigma from a health care provider on access to care among a low-income HIV-positive population	AIDS Patient Care & STDs	Kinsler, J. J.; Wong, M. D.; Sayles, J. N.; Davis, C.; Cunningham, W. E.	no	yes	no	no		no
19742170	The effects of environmental factors on persons living with HIV/AIDS	Int J Environ Res Public Health	Nichols, L.; Tchounwou, P. B.; Mena, L.; Sarpong, D.	no	yes	no	no		no
18770023	The effects of HIV stigma on health, disclosure of HIV status, and risk behavior of homeless and unstably housed persons living with HIV	AIDS Behav	Wolitski, R. J.; Pals, S. L.; Kidder, D. P.; Courtenay-Quirk, C.; Holtgrave, D. R.	no	yes	no	no		no
20397898	The interplay of sociodemographic factors on virologic suppression among a U.S. outpatient HIV clinic population	AIDS Patient Care STDS	Shacham, E.; Nurutdinova, D.; Onen, N.; Stamm, K.; Overton, E. T.	no	yes	no	no		no
17563293	The provider role in client	AIDS	Mallinson, R. K.;	no	yes	no	no		no

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	engagement in HIV care	Patient Care STDS	Rajabiun, S.; Coleman, S.						
15607387	The relationship between HAART use and employment for HIV-positive individuals: an empirical analysis and policy outlook	Health Policy	Bernell, S. L.; Shinogle, J. A.	no	yes	yes	no		no
19055408	The therapeutic implications of timely linkage and early retention in HIV care	AIDS Patient Care STDS	Ulett, K. B.; Willig, J. H.; Lin, H. Y.; Routman, J. S.; Abrams, S.; Allison, J.; Chatham, A.; Raper, J. L.; Saag, M. S.; Mugavero, M. J.	no	yes	yes	no		no
25329710	Timing of antiretroviral therapy initiation in a nationally representative sample of HIV-infected adults receiving medical care in the United States	AIDS Patient Care STDS	Adedinsewo, D. A.; Wei, S. C.; Robertson, M.; Rose, C.; Johnson, C. H.; Dombrowski, J.; Skarbinski, J.	no	no	yes	no		no
23876086	Transportation vulnerability as a barrier to service utilization for HIV-positive individuals	AIDS Care	Sagrestano, L. M.; Clay, J.; Finerman, R.; Gooch, J.; Rapino, M.	no	yes	no	no		no
24141487	Travel distance to HIV medical care: a geographic analysis of weighted survey data from the Medical Monitoring Project in Philadelphia, PA	AIDS Behav	Eberhart, M. G.; Voytek, C. D.; Hillier, A.; Metzger, D. S.; Blank, M. B.; Brady, K. A.	no	yes	no	no		no
23555868	Treatment outcomes in undocumented Hispanic immigrants with HIV infection	PLoS One	Poon, K. K.; Dang, B. N.; Davila, J. A.; Hartman, C.; Giordano, T. P.	no	yes	yes	no		no
22643464	Trust in primary care	J Health	Blackstock, O. J.;	no	yes	no	no		no

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	providers and antiretroviral adherence in an urban HIV clinic	Care Poor Underserved	Addison, D. N.; Brennan, J. S.; Alao, O. A.						
23797695	Understanding the disparity: predictors of virologic failure in women using highly active antiretroviral therapy vary by race and/or ethnicity	J Acquir Immune Defic Syndr	McFall, A. M.; Dowdy, D. W.; Zelaya, C. E.; Murphy, K.; Wilson, T. E.; Young, M. A.; Gandhi, M.; Cohen, M. H.; Golub, E. T.; Althoff, K. N.	no	no	yes	no		no
22731500	Using laboratory surveillance data to estimate engagement in care among persons living with HIV in Los Angeles County, 2009	AIDS Patient Care STDS	Hu, Y. W.; Kinsler, J. J.; Sheng, Z.; Kang, T.; Bingham, T.; Frye, D. M.	no	yes	no	no		no
17428185	Utilization of health care services in hard-to-reach marginalized HIV-infected individuals	AIDS Patient Care STDS	Cunningham, C. O.; Sohler, N. L.; Wong, M. D.; Relf, M.; Cunningham, W. E.; Drainoni, M. L.; Bradford, J.; Pounds, M. B.; Cabral, H. D.	no	yes	yes	no		no
18197121	Utilization of mental health and substance abuse care for people living with HIV/AIDS, chronic mental illness, and substance abuse disorders	J Acquir Immune Defic Syndr	Weaver, M. R.; Conover, C. J.; Proescholdbell, R. J.; Arno, P. S.; Ang, A.; Ettner, S. L.	no	yes	yes	no		no
16088365	Variations in patterns of highly active antiretroviral therapy (HAART) adherence	AIDS Behav	Levine, A. J.; Hinkin, C. H.; Castellon, S. A.; Mason, K. I.; Lam, M. N.; Perkins, A.; Robinet, M.; Longshore, D.; Newton, T.; Myers,	no	yes	no	no		no

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			H.; Durvasula, R. S.; Hardy, D. J.						
20166788	Violence, coping, and consistent medication adherence in HIV-positive couples	AIDS Educ Prev	Lopez, E. J.; Jones, D. L.; Villar-Loubet, O. M.; Arheart, K. L.; Weiss, S. M.	no	yes	no	no		no
24085706	Viral suppression and antiretroviral medication adherence among alcohol using HIV-positive adults	Int J Behav Med	Kalichman, S. C.; Grebler, T.; Amaral, C. M.; McNeerney, M.; White, D.; Kalichman, M. O.; Cherry, C.; Eaton, L.	no	yes	no	no		no
16938670	Characteristics of HIV-infected adults in the Deep South and their utilization of mental health services: A rural vs. urban comparison	AIDS Care	Reif, S.; Whetten, K.; Ostermann, J.; Raper, J. L.	no	yes	yes	no		no
109837664. Language:	Evaluation of a Community Health Worker Intervention to Reduce HIV/AIDS Stigma and Increase HIV Testing Among Underserved Latinos in the Southwestern U.S	Public Health Reports	Rios-Ellis, Britt; Becker, Davida; Espinoza, Lilia; Nguyen-Rodriguez, Selena; Diaz, Gaby; Carricchi, Ana; Galvez, Gino; Garcia, Melawhy	no	yes	no	no		no
16938674	Factors associated with fewer visits for HIV primary care at a tertiary care center in the Southeastern U.S	AIDS Care	Nappravnik, S.; Eron, J. J., Jr.; McKaig, R. G.; Heine, A. D.; Menezes, P.; Quinlivan, E.	no	yes	yes	no		no
24500286	Progress along the continuum of HIV care among blacks with diagnosed HIV- United States, 2010	MMWR Morb Mortal Wkly Rep	Whiteside, Y. O.; Cohen, S. M.; Bradley, H.; Skarbinski, J.; Hall, H. I.; Lansky, A.	no	yes	no	no		no
25033144	Retention in care and	Am J Public	Torian, L. V.; Xia, Q.;	no	yes	no	no		no

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	viral suppression among persons living with HIV/AIDS in New York City, 2006-2010	Health	Wiewel, E. W.						
25615029	Barriers to antiretroviral therapy adherence and plasma HIV RNA suppression among AIDS clinical trials group study participants	AIDS Patient Care STDS	Saberi, P.; Neilands, T. B.; Vittinghoff, E.; Johnson, M. O.; Chesney, M.; Cohn, S. E.	no	yes	no	no		no
25634492	Multiple gaps in care common among newly diagnosed HIV patients	AIDS Care	Rana, A. I.	no	yes	no	no		no
25240628	Patterns of HIV service use and HIV viral suppression among patients treated in an academic infectious diseases clinic in North Carolina	AIDS Behav	Palma, A. and Lounsbury, D. W. and Messer, L. and Quinlivan, E. B.	no	yes	yes	no		no
21711165	Problems taking pills: understanding HIV medication adherence from a new perspective	AIDS Care	Okonsky, J. G.	no	yes	no	no		no
25572828	The relationship between ART adherence and smoking status among HIV+ individuals	AIDS Behav	Moreno, J. L.	no	yes	no	no		no
18483850	Implementation of the Medicare Part D prescription drug benefit is associated with antiretroviral therapy interruptions	AIDS Behav	Das-Douglas, M.; Riley, E. D.; Ragland, K.; Guzman, D.; Clark, R.; Kushel, M. B.; Bangsberg, D. R.	no	yes	yes	no		no
24745475	Patterns of substance use among HIV-positive adults over 50:	Drug Alcohol Depend	Parsons, J. T.; Starks, T. J.; Millar, B. M.; Boonrai, K.; Marcotte,	no	yes	no	no		no

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	implications for treatment and medication adherence		D.						
23802143	Diagnosing HIV infection in primary care settings: missed opportunities	AIDS Patient Care STDS	Chin, T.; Hicks, C.; Samsa, G.; McKellar, M.	no	no	yes	no		no
18190326	Low rates of antiretroviral therapy among HIV-infected patients with chronic kidney disease	Clin Infect Dis	Choi, A. I.; Rodriguez, R. A.; Bacchetti, P.; Volberding, P. A.; Havlir, D.; Bertenthal, D.; Bostrom, A.; O'Hare, A. M.	no	yes	no	no		no
19444661	Adherence to antiretroviral medication in older adults living with HIV/AIDS: a comparison of alternative models	AIDS Care	Johnson, C. J.; Heckman, T. G.; Hansen, N. B.; Kochman, A.; Sikkema, K. J.	no	yes	no	no		no
24256631	Impact of hepatitis coinfection on hospitalization rates and causes in a multicenter cohort of persons living with HIV	J Acquir Immune Defic Syndr	Crowell, T. A.; Gebo, K. A.; Balagopal, A.; Fleishman, J. A.; Agwu, A. L.; Berry, S. A.	no	no	yes	no		no
24770984	The unique challenges facing HIV-positive patients who smoke cigarettes: HIV viremia, ART adherence, engagement in HIV care, and concurrent substance use	AIDS Behav	O'Cleirigh, C.; Valentine, S. E.; Pinkston, M.; Herman, D.; Bedoya, C. A.; Gordon, J. R.; Safren, S. A.	no	yes	no	no		no
24432878	Gender disparities in HIV treatment outcomes following release from jail: results from a multicenter study	Am J Public Health	Meyer, J. P.; Zelenev, A.; Wickersham, J. A.; Williams, C. T.; Teixeira, P. A.; Altice, F. L.	no	yes	no	no		no
18441253	General health status	J Int Assoc	Cardarelli, R.; Weis,	no	yes	no	no		no

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	and adherence to antiretroviral therapy	Physicians AIDS Care (Chic)	S.; Adams, E.; Radaford, D.; Vecino, I.; Munguia, G.; Johnson, K. L.; Fulda, K. G.						
20542858	Sharing health data for better outcomes on PatientsLikeMe	J Med Internet Res	Wicks, P.; Massagli, M.; Frost, J.; Brownstein, C.; Okun, S.; Vaughan, T.; Bradley, R.; Heywood, J.	yes	no	no	no		no
17131980	The efficacy of distant healing for human immunodeficiency virus--results of a randomized trial	Altern Ther Health Med	Astin, J. A.; Stone, J.; Abrams, D. I.; Moore, D. H.; Couey, P.; Buscemi, R.; Targ, E.	yes	no	no	no		no
20216478	Provider and client acceptance of a health department enhanced approach to improve HIV partner notification in New York City	Sex Transm Dis	Udeagu, C. C.; Bocour, A.; Gale, I.; Begier, E. M.	yes	no	no	no		no
18240894	HIV peer counseling and the development of hope: perspectives from peer counselors and peer counseling recipients	AIDS Patient Care STDS	Harris, G. E.; Larsen, D.	yes	no	no	no		no
22327809	The Community Liaison Program: a health education pilot program to increase minority awareness of HIV and acceptance of HIV vaccine trials	Health Educ Res	Kelley, R. T.; Hannans, A.; Kreps, G. L.; Johnson, K.	yes	no	no	no		no
15843117	Group-level interventions for persons living with HIV: a catalyst for	AIDS Educ Prev	Hyde, J.; Appleby, P. R.; Weiss, G.; Bailey, J.; Morgan, X.	yes	no	no	no		no



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	individual change								
15782514	Health and economic impacts of an HIV intervention in out of treatment substance abusers: evidence from a dynamic model	Health Care Manag Sci	Richter, A.; Loomis, B.	yes	no	no	no		no
16777637	Locating and linking to medical care HIV-positive persons without a history of care: findings from the California Bridge Project	AIDS Care	Molitor, F.; Waltermeyer, J.; Mendoza, M.; Kuenneth, C.; Aguirre, A.; Brockmann, K.; Crump, C.	yes	yes	no	no		no
16623624	Positive provider interactions, adherence self-efficacy, and adherence to antiretroviral medications among HIV-infected adults: A mediation model	AIDS Patient Care STDS	Johnson, M. O.; Chesney, M. A.; Goldstein, R. B.; Remien, R. H.; Catz, S.; Gore-Felton, C.; Charlebois, E.; Morin, S. F.	yes	yes	no	no		no
20178025	A multicultural approach to HIV prevention within a residential chemical dependency treatment program: the Positive Steps Program	J Evid Based Soc Work	Harris, E.; Kiekel, P.; Brown, K.; Sarmiento, A.; Byock, G.	yes	yes	no	no		no
20178027	Effects of drug use on sexual risk behavior: results of an HIV outreach and education program	J Evid Based Soc Work	Lauby, J. L.; Batson, H.; Milnamow, M.	yes	no	no	no		no
19346565	Cost-effectiveness analysis of integrated care for people with HIV, chronic mental illness	J Ment Health Policy Econ	Weaver, M. R.; Conover, C. J.; Proescholdbell, R. J.; Arno, P. S.; Ang, A.;	yes	no	yes	no		no

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	and substance abuse disorders		Uldall, K. K.; Ettner, S. L.						
103765859. Language:	Case Management: Steadfast Resource for Addressing Linkage to Care and Prevention With Hospitalized HIV-Infected Crack Users	Journal of HIV/AIDS & Social Services	Kenya, Sonjia; Chida, Natasha; Cardenas, Gabriel; Pereyra, Margaret; Del Rio, Carlos; Rodriguez, Allan; Metsch, Lisa	yes	no	no	no		no
25867782	Benefits of a routine opt-out HIV testing and linkage to care program for previously diagnosed patients in publicly funded emergency departments in Houston, TX	J Acquir Immune Defic Syndr	Flash, C. A.; Pasalar, S.; Hemmige, V.; Davila, J. A.; Hallmark, C. J.; McNeese, M.; Miertschin, N.; Ruggerio, M. C.; Giordano, T. P.	yes	no	no	no		no
106274417. Language:	Continuing to provide and fund a mix of Ryan White Title I HIV/AIDS services: support from 'The Voices of Experience' needs surveys in Massachusetts	Journal of HIV/AIDS & Social Services	Beinecke, R. H.; Matava, M. A.; Rivers, N.; Stevens, R.; Goldrosen, G.; Averbach, A. R.; Woliver, R.; Kelley, B.	yes	yes	yes	no		no
18220096	The New Orleans HIV outpatient program patient experience with Hurricane Katrina	J La State Med Soc	Clark, R. A.; Mirabelli, R.; Shafe, J.; Broyles, S.; Besch, L.; Kissinger, P.	yes	no	no	no		no
18957732	Balancing health, work, and daily life: design and evaluation of a pilot intervention for persons with HIV/AIDS	Work	Bedell, G.	yes	yes	no	no		no
22527264	Exploring ART Intake Scenes in a Human Rights-Based Intervention to Improve	AIDS & Behavior	Basso, C��rıtas; Helena, Ernani; Caraciolo, Joselita; Paiva, Vera; Nemes,	yes	no	no	no		no

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	Adherence: A Randomized Controlled Trial		Maria						
26485232	Healing Our Women for Transgender Women: Adaptation, Acceptability, and Pilot Testing	AIDS Education & Prevention	Collier	yes	no	no	no		no
18230008	Meta-analysis of cognitive-behavioral interventions on HIV-positive persons' mental health and immune functioning	Health Psychol	Crepaz, N.; Passin, W. F.; Herbst, J. H.; Rama, S. M.; Malow, R. M.; Purcell, D. W.; Wolitski, R. J.	yes	no	no	no		no
17937817	A novel emergency department based prevention intervention program for people living with HIV: evaluation of early experiences	BMC Health Serv Res	Lyons, M. S.; Raab, D. L.; Lindsell, C. J.; Trott, A. T.; Fichtenbaum, C. J.	yes	yes	yes	no		no
106118440. Language:	A randomized trial of educational materials, pillboxes, and mailings to improve adherence with antiretroviral therapy in an inner city HIV clinic	Journal of Clinical Outcomes Management	Levin, T. R.; Klibanov, O. M.; Axelrod, P.; van den Berg-Wolf, M.; Finley, G. L.; Gray, A.; Holdsworth, C.; Moyer, D. V.; Tedaldi, E. M.; Samuel, R.	yes	no	no	no		no
105505802. Language:	An adherence-focused case management intervention for HIV-positive patients in a public care setting	Journal of HIV/AIDS & Social Services	Wohl, A. R.; Garland, W. H.; Witt, M. D.; Valencia, R.; Boger, A.; Squires, K.; Kovacs, A.; Larsen, R.; Hader, S.; Anthony, M.; Frye, D.; Weidle, P. J.	yes	yes	no	no		no
104530127. Language:	What HIV/AIDS Case Management	Journal of HIV/AIDS &	Rogers, Susan J.; Corcoran, Caitlin L.;	yes	no	no	no		no

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	Approaches Bring About Positive Client Outcomes? Results from ConnectHIV	Social Services	Hamdallah, Myriam; Little, Stacey						
16785217	Five year outcomes of a cohort of HIV-infected injection drug users in a primary care practice	J Addict Dis	Fingerhood, M.; Rastegar, D. A.; Jasinski, D.	yes	no	no	no		no
20178030	Integrated nested services: Delaware's experience treating minority substance abusers at risk for HIV or HIV positive	J Evid Based Soc Work	Dillard, D.; Bincsik, A. K.; Zebly, C.; Mongare, K.; Harrison, J.; Gerardi, K. E.; Parcher, D. W.	yes	yes	no	no		no
20387984	Project ROADMAP: Reeducating Older Adults in Maintaining AIDS Prevention: a secondary intervention for older HIV-positive adults	AIDS Educ Prev	Illa, L.; Echenique, M.; Jean, G. S.; Bustamante-Avellaneda, V.; Metsch, L.; Mendez-Mulet, L.; Eisdorfer, C.; Sanchez-Martinez, M.	yes	no	no	no		no
17364394	The acceptability of a directly-administered antiretroviral therapy (DAART) intervention among patients in public HIV clinics in Los Angeles, California	AIDS Care	Garland, W. H.; Wohl, A. R.; Valencia, R.; Witt, M. D.; Squires, K.; Kovacs, A.; Larsen, R.; Potterat, N.; Anthony, M. N.; Hader, S.; Weidle, P. J.	yes	no	no	no		no
25090366	The moderating role of sexual identity in group teletherapy for adults aging with HIV	Behav Med	Heckman, B. D.; Lovejoy, T. I.; Heckman, T. G.; Anderson, T.; Grimes, T.; Sutton, M.; Bianco, J. A.	yes	no	no	no		no
25216879	Impact of HIV-	J Am	DuChane, J.; Clark,	yes	no	yes	no		no

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	specialized pharmacies on adherence to medications for comorbid conditions	Pharm Assoc (2003)	B.; Hou, J.; Fitzner, K.; Pietrandoni, G.; Duncan, I.						
26068720	Outcomes of a Clinic-Based Surveillance-Informed Intervention to Relink Patients to HIV Care	J Acquir Immune Defic Syndr	Bove, J. M.	yes	no	yes	no		no
2015-50012-024	HIV-risk related attitudes and behaviors among older impoverished women living in Puerto Rico	Journal of Immigrant and Minority Health	Norman, Lisa R.	yes	no	no	no		no
15750396	Efficacy of a brief case management intervention to link recently diagnosed HIV-infected persons to care	Aids	Gardner, L. I.; Metsch, L. R.; Anderson-Mahoney, P.; Loughlin, A. M.; del Rio, C.; Strathdee, S.; Sansom, S. L.; Siegal, H. A.; Greenberg, A. E.; Holmberg, S. D.	yes	no	no	no		no
17587172	Supporting Positive Living and Sexual Health (SPLASH): a clinician and behavioral counselor risk-reduction intervention in a university-based HIV clinic	AIDS Behav	Zuniga, M. L.; Baldwin, H.; Uhler, D.; Brennan, J.; Olshefsky, A. M.; Oliver, E.; Mathews, W. C.	yes	no	no	no		no
22107879	Attitudes of methadone program staff toward provision of harm-reduction and other services	J Addict Med	Deren, S.; Kang, S. Y.; Mino, M.; Seewald, R. M.	yes	no	no	no		no
23934269	The LIVE Network: a	AIDS	Holstad, M. M.;	yes	no	no	no		no

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	music-based messaging program to promote ART adherence self-management	Behav	Ofotokun, I.; Higgins, M.; Logwood, S.						
18922991	Spirituality, social support, and survival in hemodialysis patients	Clin J Am Soc Nephrol	Spinale, J.; Cohen, S. D.; Khetpal, P.; Peterson, R. A.; Clougherty, B.; Puchalski, C. M.; Patel, S. S.; Kimmel, P. L.	yes	no	no	no		no
17133193	Cost-effectiveness of an intervention to improve adherence to antiretroviral therapy in HIV-infected patients	J Acquir Immune Defic Syndr	Freedberg, K. A.; Hirschhorn, L. R.; Schackman, B. R.; Wolf, L. L.; Martin, L. A.; Weinstein, M. C.; Goldin, S.; Paltiel, A. D.; Katz, C.; Goldie, S. J.; Losina, E.	yes	no	no	no		no
17563286	'Getting me back on track': the role of outreach interventions in engaging and retaining people living with HIV/AIDS in medical care	AIDS Patient Care STDS	Rajabiun, S.; Mallinson, R. K.; McCoy, K.; Coleman, S.; Drainoni, M. L.; Rebholz, C.; Holbert, T.	yes	yes	yes	no		no
19050396	A controlled study of the effectiveness of public health HIV partner notification services	Aids	Golden, M. R.; Dombrowski, J. C.; Wood, R. W.; Fleming, M.; Harrington, R. D.	yes	no	no	no		no
106428431. Language:	A longitudinal evaluation of a social support model of medication adherence among HIV-positive men and women on antiretroviral therapy	Health Psychology	Simoni, J. M.; Frick, P. A.; Huang, B.	yes	yes	no	no		no
18058396	A model of integrated	AIDS Care	Zaller, N.; Gillani, F.	yes	yes	no	no		no

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	primary care for HIV-positive patients with underlying substance use and mental illness		S.; Rich, J. D.						
25695849	A pilot feasibility and acceptability study of yoga/meditation on the quality of life and markers of stress in persons living with HIV who also use crack cocaine	J Altern Compleme nt Med	Agarwal, R. P.; Kumar, A.; Lewis, J. E.	yes	no	no	no		no
23812892	A preliminary RCT of CBT-AD for adherence and depression among HIV-positive Latinos on the U.S.-Mexico border: the Nuevo Dia study	AIDS Behav	Simoni, J. M.; Wiebe, J. S.; Saucedo, J. A.; Huh, D.; Sanchez, G.; Longoria, V.; Andres Bedoya, C.; Safren, S. A.	yes	no	no	no		no
17828761	A preliminary study of spiritual self-schema (3-S(+)) therapy for reducing impulsivity in HIV-positive drug users	J Clin Psychol	Margolin, A.; Schuman-Olivier, Z.; Beitel, M.; Arnold, R. M.; Fulwiler, C. E.; Avants, S. K.	yes	no	no	no		no
20857188	A randomized clinical trial of a coping improvement group intervention for HIV-infected older adults	J Behav Med	Heckman, T. G.; Sikkema, K. J.; Hansen, N.; Kochman, A.; Heh, V.; Neufeld, S.	yes	no	no	no		no
18540736	A randomized clinical trial of alternative stress management interventions in persons with HIV infection	J Consult Clin Psychol	McCain, N. L.; Gray, D. P.; Elswick, R. K.; Robins, J. W.; Tuck, I.; Walter, J. M.; Rausch, S. M.; Ketchum, J. M.	yes	no	no	no		no
17589194	A randomized clinical trial of community-based directly observed therapy	Aids	Macalino, G. E.; Hogan, J. W.; Mitty, J. A.; Bazerman, L. B.;	yes	no	no	no		no

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	as an adherence intervention for HAART among substance users		DeLong, A. K.; Loewenthal, H.; Caliendo, A. M.; Flanigan, T. P.						
23430708	A randomized clinical trial of smoking cessation treatments provided in HIV clinical care settings	Nicotine Tob Res	Humfleet, G. L.; Hall, S. M.; Delucchi, K. L.; Dilley, J. W.	yes	no	no	no		no
22732470	A randomized controlled trial of a tailored group smoking cessation intervention for HIV-infected smokers	J Acquir Immune Defic Syndr	Moadel, A. B.; Bernstein, S. L.; Mermelstein, R. J.; Arnsten, J. H.; Dolce, E. H.; Shuter, J.	yes	no	no	no		no
16238507	A randomized controlled trial of meditation and massage effects on quality of life in people with late-stage disease: a pilot study	J Palliat Med	Williams, A. L.; Selwyn, P. A.; Liberti, L.; Molde, S.; Njike, V. Y.; McCorkle, R.; Zelterman, D.; Katz, D. L.	yes	no	no	no		no
16170757	A randomized study of serial telephone call support to increase adherence and thereby improve virologic outcome in persons initiating antiretroviral therapy	J Infect Dis	Collier, A. C.; Ribaud, H.; Mukherjee, A. L.; Feinberg, J.; Fischl, M. A.; Chesney, M.	yes	no	no	no		no
16673835	A randomized trial of the efficacy of group therapy in changing viral load and CD4 counts in individuals living with HIV infection	Int J Psychiatry Med	Belanoff, J. K.; Sund, B.; Koopman, C.; Blasey, C.; Flamm, J.; Schatzberg, A. F.; Spiegel, D.	yes	no	no	no		no
16827627	A telephone-delivered coping improvement group intervention for middle-aged and older	Ann Behav Med	Heckman, T. G.; Barcikowski, R.; Ogles, B.; Suhr, J.; Carlson, B.; Holroyd,	yes	no	no	no		no



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	adults living with HIV/AIDS		K.; Garske, J.						
18263847	Acceptance of a nutrition curriculum for HIV-positive Latinos Living on the U.S.-Mexico border	J Transcult Nurs	Torres, K.; Zive, M. M.; Scolari, R.; Olshefsky, A.; Zuniga, M. L.	yes	no	no	no		no
17546496	Access to housing as a structural intervention for homeless and unstably housed people living with HIV: rationale, methods, and implementation of the housing and health study	AIDS Behav	Kidder, D. P.; Wolitski, R. J.; Royal, S.; Aidala, A.; Courtenay-Quirk, C.; Holtgrave, D. R.; Harre, D.; Sumartojo, E.; Stall, R.	yes	yes	no	no		no
109837242. Language:	Achieving Core Indicators for HIV Clinical Care Among New Patients at an Urban HIV Clinic	AIDS Patient Care & STDs	Greer, Gillian A.; Tamhane, Ashutosh; Malhotra, Rakhi; Burkholder, Greer A.; Mugavero, Michael J.; Raper, James L.; Zinski, Anne	yes	yes	yes	no		no
23356569	African-Americans' perceptions of health care provider cultural competence that promote HIV medical self-care and antiretroviral medication adherence	AIDS Care	Gaston, G. B.	yes	yes	no	no		no
21443312	Agreement between prospective interactive voice response telephone reporting and structured recall reports of risk behaviors in rural substance users living with HIV/AIDS	Psychol Addict Behav	Simpson, C. A.; Xie, L.; Blum, E. R.; Tucker, J. A.	yes	no	no	no		no

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17333382	Altering key characteristics of a disseminated effective behavioral intervention for HIV positive adults: the 'healthy relationships' experience	J Prim Prev	Kalichman, S. C.; Cherry, C.; White, D.; Pope, H.; Cain, D.; Kalichman, M.	yes	no	no	no		no
26181705	An Algorithm Approach to Determining Smoking Cessation Treatment for Persons Living With HIV/AIDS: Results of a Pilot Trial	J Acquir Immune Defic Syndr	Cropsey, K. L.; Jardin, B. F.; Burkholder, G. A.; Clark, C. B.; Raper, J. L.; Saag, M. S.	yes	no	no	no		no
21244204	An evidence-based group coping intervention for women living with HIV and history of childhood sexual abuse	Int J Group Psychother	Puffer, E. S.; Kochman, A.; Hansen, N. B.; Sikkema, K. J.	yes	no	no	no		no
21191643	An interrupted time series evaluation of a hepatitis C intervention for persons with HIV	AIDS Behav	Proeschold-Bell, R. J.; Hoepfner, B.; Taylor, B.; Cohen, S.; Blouin, R.; Stringfield, B.; Muir, A. J.	yes	no	no	no		no
22792882	Appearance concerns and psychological distress among HIV-infected individuals with injection drug use histories: prospective analyses	AIDS Patient Care STDS	Blashill, A. J.; Gordon, J. R.; Safren, S. A.	yes	no	no	no		no
21208772	Applying the theory of planned behavior to explore HAART adherence among HIV-positive immigrant Latinos: elicitation interview results	Patient Educ Couns	Vissman, A. T.; Hergenrather, K. C.; Rojas, G.; Langdon, S. E.; Wilkin, A. M.; Rhodes, S. D.	yes	yes	no	no		no

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103793987. Language:	Behavioral Interventions to Reduce Sexual Risk Behavior in Adults with HIV/AIDS Receiving HIV Care: A Systematic Review	AIDS Patient Care & STDs	Laisaar, Kaja-Triin; Raag, Mait; Rosenthal, Marika; UuskÃ¼la, Anneli	yes	no	no	no		no
16979403	Body composition and metabolic effects of a diet and exercise weight loss regimen on obese, HIV-infected women	Metabolism	Engelson, E. S.; Agin, D.; Kenya, S.; Werber-Zion, G.; Luty, B.; Albu, J. B.; Kotler, D. P.	yes	no	no	no		no
22965693	Bridging the digital divide in HIV care: a pilot study of an iPod personal health record	J Int Assoc Provid AIDS Care	Luque, A. E.; Corales, R.; Fowler, R. J.; DiMarco, J.; van Keken, A.; Winters, P.; Keefer, M. C.; Fiscella, K.	yes	no	no	no		no
21457056	Brief behavioral self-regulation counseling for HIV treatment adherence delivered by cell phone: an initial test of concept trial	AIDS Patient Care STDS	Kalichman, S. C.; Kalichman, M. O.; Cherry, C.; Swetzes, C.; Amaral, C. M.; White, D.; Jones, M.; Grebler, T.; Eaton, L.	yes	no	no	no		no
18285714	Brief strengths-based case management promotes entry into HIV medical care: results of the antiretroviral treatment access study-II	J Acquir Immune Defic Syndr	Craw, J. A.; Gardner, L. I.; Marks, G.; Rapp, R. C.; Bosshart, J.; Duffus, W. A.; Rossman, A.; Coughlin, S. L.; Gruber, D.; Safford, L. A.; Overton, J.; Schmitt, K.	yes	yes	yes	no		no
21375430	Buffering effects of general and medication-specific social support on the association between substance use and HIV	AIDS Patient Care STDS	Lehavot, K.; Huh, D.; Walters, K. L.; King, K. M.; Andrasik, M. P.; Simoni, J. M.	yes	yes	no	no		no

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	medication adherence								
22770948	Can lay health workers promote better medical self-management by persons living with HIV? An evaluation of the Positive Choices program	Patient Educ Couns	Roth, A. M.; Holmes, A. M.; Stump, T. E.; Aalsma, M. C.; Ackermann, R. T.; Carney, T. S.; Katz, B. P.; Kesterson, J.; Erdman, S. M.; Balt, C. A.; Inui, T. S.	yes	no	no	no		no
18672562	Case management and health-related quality of life outcomes in a national sample of persons with HIV/AIDS	J Natl Med Assoc	Cunningham, W. E.; Wong, M.; Hays, R. D.	yes	yes	yes	no		no
103973292. Language:	Cell Phone Utilization Among Foreign-Born Latinos: A Promising Tool for Dissemination of Health and HIV Information	Journal of Immigrant & Minority Health	Leite, Lorena; Buresh, Megan; Rios, Naomi; Conley, Anna; Flys, Tamara; Page, Kathleen	yes	no	no	no		no
25559605	Clinic-wide intervention lowers financial risk and improves revenue to HIV clinics through fewer missed primary care visits	J Acquir Immune Defic Syndr	Gardner, L. I.; Marks, G.; Wilson, T. E.; Giordano, T. P.; Sullivan, M.; Raper, J. L.; Rodriguez, A. E.; Keruly, J.; Malitz, F.	yes	no	yes	no		no
16340472	Clinician-delivered intervention during routine clinical care reduces unprotected sexual behavior among HIV-infected patients	J Acquir Immune Defic Syndr	Fisher, J. D.; Fisher, W. A.; Cornman, D. H.; Amico, R. K.; Bryan, A.; Friedland, G. H.	yes	no	no	no		no
16909323	Co-location of health care for adults with serious mental illness and HIV infection	Community Ment Health J	Sullivan, G.; Kanouse, D.; Young, A. S.; Han, X.; Perlman, J.; Koegel, P.	yes	no	no	no		no

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104568605. Language:	Cognitive Behavioral HIV Risk Reduction in Those Receiving Psychiatric Treatment: A Clinical Trial	AIDS & Behavior	Malow, Robert; McMahon, Robert; D'Ávieux, Jessy; Rosenberg, Rhonda; Frankel, Anne; Bryant, Vaughn; Lerner, Brenda; Miguez, Maria	yes	yes	no	no		no
16816559	Cognitive-behavioral intervention to enhance adherence to antiretroviral therapy: a randomized controlled trial (CCTG 578)	Aids	Wagner, G. J.; Kanouse, D. E.; Golinelli, D.; Miller, L. G.; Daar, E. S.; Witt, M. D.; Diamond, C.; Tilles, J. G.; Kemper, C. A.; Larsen, R.; Goicoechea, M.; Haubrich, R. H.	yes	no	yes	no		no
24271348	Combined HIV prevention, the New York City condom distribution program, and the evolution of safer sex behavior among persons who inject drugs in New York City	AIDS Behav	Des Jarlais, D. C.; Arasteh, K.; McKnight, C.; Feelemyer, J.; Hagan, H.; Cooper, H. L.; Perlman, D. C.	yes	no	no	no		no
25567825	Comparable sustained virologic suppression between community- and academic-based HIV care settings	J Am Board Fam Med	Chu, C.; Heo, M.; Peshansky, A.; Umanski, G.; Meissner, P.; Voss, C.; Selwyn, P. A.	yes	no	no	no		no
22098257	Comparative cost analysis of housing and case management program for chronically ill homeless adults compared to usual care	Health Serv Res	Basu, A.; Kee, R.; Buchanan, D.; Sadowski, L. S.	yes	no	no	no		no
21452051	Computer-based	AIDS	Fisher, J. D.; Amico,	yes	no	no	no		no

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	intervention in HIV clinical care setting improves antiretroviral adherence: the LifeWindows Project	Behav	K. R.; Fisher, W. A.; Cornman, D. H.; Shuper, P. A.; Trayling, C.; Redding, C.; Barta, W.; Lemieux, A. F.; Altice, F. L.; Dieckhaus, K.; Friedland, G.						
24384803	Computerized counseling reduces HIV-1 viral load and sexual transmission risk: findings from a randomized controlled trial	J Acquir Immune Defic Syndr	Kurth, A. E.; Spielberg, F.; Cleland, C. M.; Lambdin, B.; Bangsberg, D. R.; Frick, P. A.; Severynen, A. O.; Clausen, M.; Norman, R. G.; Lockhart, D.; Simoni, J. M.; Holmes, K. K.	yes	no	no	no		no
22117123	Computerized stress management training for HIV+ women: a pilot intervention study	AIDS Care	Brown, J. L.; Venable, P. A.; Carey, M. P.; Elin, L.	yes	no	no	no		no
23138877	Cost analysis of enhancing linkages to HIV care following jail: a cost-effective intervention	AIDS Behav	Spaulding, A. C.; Pinkerton, S. D.; Superak, H.; Cunningham, M. J.; Resch, S.; Jordan, A. O.; Yang, Z.	yes	no	no	no		no
24287787	Current cigarette smoking among HIV-positive current and former drug users: associations with individual and social characteristics	AIDS Behav	Pacek, L. R.; Latkin, C.; Crum, R. M.; Stuart, E. A.; Knowlton, A. R.	yes	yes	no	no		no
19645619	Demographic,	AIDS	Gardner, L. I.; Marks,	yes	no	no	no		no

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	psychological, and behavioral modifiers of the Antiretroviral Treatment Access Study (ARTAS) intervention	Patient Care STDS	G.; Craw, J.; Metsch, L.; Strathdee, S.; Anderson-Mahoney, P.; del Rio, C.						
104461961. Language:	Development and Validation of a Measure for Intention to Adhere to HIV Treatment	AIDS Patient Care & STDs	Nelsen, Andrea; Trautner, Barbara W.; Petersen, Nancy J.; Gupta, Sunita; Rodriguez-Barradas, Maria; Giordano, Thomas P.; Naik, Aanand D.	yes	no	no	no		no
23780395	Differences in human immunodeficiency virus care and treatment among subpopulations in the United States	JAMA Intern Med	Hall, H. I.; Frazier, E. L.; Rhodes, P.; Holtgrave, D. R.; Furlow-Parmley, C.; Tang, T.; Gray, K. M.; Cohen, S. M.; Mermin, J.; Skarbinski, J.	yes	no	no	no		no
18193497	Directly administered antiretroviral therapy for HIV-infected drug users does not have an impact on antiretroviral resistance: results from a randomized controlled trial	J Acquir Immune Defic Syndr	Maru, D. S.; Kozal, M. J.; Bruce, R. D.; Springer, S. A.; Altice, F. L.	yes	no	no	no		no
23874575	Directly administered antiretroviral therapy for HIV-infected individuals in opioid treatment programs: results from a randomized clinical trial	PLoS One	Lucas, G. M.; Mullen, B. A.; Galai, N.; Moore, R. D.; Cook, K.; McCaul, M. E.; Glass, S.; Oursler, K. K.; Rand, C.	yes	no	no	no		no
21885212	Directly observed antiretroviral therapy	Drug Alcohol	Nahvi, S.; Litwin, A. H.; Heo, M.; Berg, K.	yes	yes	yes	no		no

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	eliminates adverse effects of active drug use on adherence	Depend	M.; Li, X.; Arnsten, J. H.						
24286967	Drinking motives as prospective predictors of outcome in an intervention trial with heavily drinking HIV patients	Drug Alcohol Depend	Elliott, J. C.; Aharonovich, E.; O'Leary, A.; Wainberg, M.; Hasin, D. S.	yes	no	no	no		no
21937921	Early retention in HIV care and viral load suppression: implications for a test and treat approach to HIV prevention	J Acquir Immune Defic Syndr	Mugavero, M. J.; Amico, K. R.; Westfall, A. O.; Crane, H. M.; Zinski, A.; Willig, J. H.; Dombrowski, J. C.; Norton, W. E.; Raper, J. L.; Kitahata, M. M.; Saag, M. S.	yes	no	yes	no		no
22983536	Effect of a clinic-wide social marketing campaign to improve adherence to antiretroviral therapy for HIV infection	AIDS Behav	Giordano, T. P.; Rodriguez, S.; Zhang, H.; Kallen, M. A.; Jibaja-Weiss, M.; Buscher, A. L.; Arya, M.; Suarez-Almazor, M. E.; Ross, M.	yes	no	no	no		no
17224844	Effect of clinical pharmacists on utilization of and clinical response to antiretroviral therapy	J Acquir Immune Defic Syndr	Horberg, M. A.; Hurley, L. B.; Silverberg, M. J.; Kinsman, C. J.; Quesenberry, C. P.	yes	no	no	no		no
19054631	Effect of incentives for medication adherence on health care use and costs in methadone patients with HIV	Drug Alcohol Depend	Barnett, P. G.; Sorensen, J. L.; Wong, W.; Haug, N. A.; Hall, S. M.	yes	no	no	no		no
24237482	Effectiveness of healthy relationships video-	Telemed J E Health	Marhefka, S. L.; Buhi, E. R.; Baldwin, J.;	yes	no	no	no		no



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	group-A videoconferencing group intervention for women living with HIV: preliminary findings from a randomized controlled trial		Chen, H.; Johnson, A.; Lynn, V.; Glueckauf, R.						
103926668. Language:	Effects of a Brief Case Management Intervention Linking People With HIV to Oral Health Care: Project SMILE	American Journal of Public Health	Metsch, Lisa R.; Pereyra, Margaret; Messinger, Shari; Jeanty, Yves; Parish, Carrigan; Valverde, Eduardo; Cardenas, Gabriel; Boza, Henry; Tomar, Scott	yes	no	no	no		no
18176319	Effects of a coping intervention on transmission risk behavior among people living with HIV/AIDS and a history of childhood sexual abuse	J Acquir Immune Defic Syndr	Sikkema, K. J.; Wilson, P. A.; Hansen, N. B.; Kochman, A.; Neufeld, S.; Ghebremichael, M. S.; Kershaw, T.	yes	no	no	no		no
19154859	Effects of faith/assurance on cortisol levels are enhanced by a spiritual mantram intervention in adults with HIV: a randomized trial	J Psychosom Res	Bormann, J. E.; Aschbacher, K.; Wetherell, J. L.; Roesch, S.; Redwine, L.	yes	no	no	no		no
16847590	Effects of spiritual mantram repetition on HIV outcomes: a randomized controlled trial	J Behav Med	Bormann, J. E.; Gifford, A. L.; Shively, M.; Smith, T. L.; Redwine, L.; Kelly, A.; Becker, S.; Gershwin, M.; Bone, P.; Belding, W.	yes	no	no	no		no
20135214	Efficacy of a single-session HIV prevention	AIDS Behav	Diallo, D. D.; Moore, T. W.; Ngalame, P.	yes	no	no	no		no

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	intervention for black women: a group randomized controlled trial		M.; White, L. D.; Herbst, J. H.; Painter, T. M.						
25211714	Efficacy of an adapted HIV and sexually transmitted infection prevention intervention for incarcerated women: a randomized controlled trial	Am J Public Health	Fogel, C. I.; Crandell, J. L.; Neevel, A. M.; Parker, S. D.; Carry, M.; White, B. L.; Fasula, A. M.; Herbst, J. H.; Gelaude, D. J.	yes	yes	no	no		no
19996978	Efficacy of brief interventions in clinical care settings for persons living with HIV	J Acquir Immune Defic Syndr	Lightfoot, M.; Rotheram-Borus, M. J.; Comulada, W. S.; Reddy, V. S.; Duan, N.	yes	no	no	no		no
104998713. Language:	Engaging hiv-positive individuals in specialized care from an urban emergency department	AIDS Patient Care & STDs	Leider, J.; Fettig, J.; Calderon, Y.	yes	yes	no	no		no
23494224	Enhancing acceptability and use of sexual barrier products among HIV concordant and discordant couples	AIDS Behav	Jones, D.; Kashy, D.; Villar-Loubet, O.; Weiss, S.	yes	no	no	no		no
0	Establishing an HIV Screening Program Led by Staff Nurses in a County Jail	Journal of Public Health Management & Practice	Spaulding	yes	yes	no	no		no
19125548	Evaluation of the first year of a pilot program in community pharmacy: HIV/AIDS medication therapy management for Medi-Cal beneficiaries	J Manag Care Pharm	Hirsch, J. D.; Rosenquist, A.; Best, B. M.; Miller, T. A.; Gilmer, T. P.	yes	no	yes	no		no

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23382948	Examining the link between patient satisfaction and adherence to HIV care: a structural equation model	PLoS One	Dang, B. N.; Westbrook, R. A.; Black, W. C.; Rodriguez-Barradas, M. C.; Giordano, T. P.	yes	no	no	no		no
17786561	Experiences of social stigma and implications for healthcare among a diverse population of HIV positive adults	J Urban Health	Sayles, J. N.; Ryan, G. W.; Silver, J. S.; Sarkisian, C. A.; Cunningham, W. E.	yes	yes	yes	no		no
16364566	Facilitating entry into drug treatment among injection drug users referred from a needle exchange program: Results from a community-based behavioral intervention trial	Drug Alcohol Depend	Strathdee, S. A.; Ricketts, E. P.; Huettner, S.; Cornelius, L.; Bishai, D.; Havens, J. R.; Beilenson, P.; Rapp, C.; Lloyd, J. J.; Latkin, C. A.	yes	yes	no	no		no
21165692	Group motivational interviewing to promote adherence to antiretroviral medications and risk reduction behaviors in HIV infected women	AIDS Behav	Holstad, M. M.; Dilorio, C.; Kelley, M. E.; Resnicow, K.; Sharma, S.	yes	yes	no	no		no
22854158	Health information exchange interventions can enhance quality and continuity of HIV care	Int J Med Inform	Shade, S. B.; Chakravarty, D.; Koester, K. A.; Steward, W. T.; Myers, J. J.	yes	no	no	no		no
18569359	Health literacy of HIV-positive individuals enrolled in an outreach intervention: results of a cross-site analysis	J Health Commun	Drainoni, M. L.; Rajabiun, S.; Rumpitz, M.; Welles, S. L.; Relf, M.; Rebholz, C.; Holmes, L.; Dyl, A.; Lovejoy, T.; Dekker,	yes	no	no	no		no

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			D.; Frye, A.						
103872124. Language:	Health Outcomes for HIV-Infected Persons Released From the New York City Jail System With a Transitional Care-Coordination Plan	American Journal of Public Health	Teixeira, Paul A.; Jordan, Alison O.; Zaller, Nicolas; Shah, Dipal; Venters, Homer	yes	no	no	no		no
24533631	HealthCall for the smartphone: technology enhancement of brief intervention in HIV alcohol dependent patients	Addict Sci Clin Pract	Hasin, D. S.; Aharonovich, E.; Greenstein, E.	yes	no	no	no		no
22970975	Helping clinicians deliver consistent HIV prevention counseling to their HIV-infected patients	AIDS Care	Myers, J. J.; Kang Dufour, M. S.; Koester, K. A.; Rose, C. D.; Shade, S. B.; Mairana, A.; Morin, S. F.	yes	yes	no	no		no
23148715	Helping people with HIV/AIDS return to work: a randomized clinical trial	Rehabil Psychol	Martin, D. J.; Chernoff, R. A.; Buitron, M.; Comulada, W. S.; Liang, L. J.; Wong, F. L.	yes	yes	no	no		no
25225233	High rates of retention and viral suppression in the US HIV safety net system: HIV care continuum in the Ryan White HIV/AIDS Program, 2011	Clin Infect Dis	Doshi, R. K.; Milberg, J.; Isenberg, D.; Matthews, T.; Malitz, F.; Matosky, M.; Trent-Adams, S.; Parham Hopson, D.; Cheever, L. W.	yes	no	yes	no		no
20827218	HIV intervention for providers study: a randomized controlled trial of a clinician-delivered HIV risk-	J Acquir Immune Defic Syndr	Rose, C. D.; Courtenay-Quirk, C.; Knight, K.; Shade, S. B.; Vittinghoff, E.; Gomez, C.; Lum, P.	yes	no	no	no		no

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	reduction intervention for HIV-positive people		J.; Bacon, O.; Colfax, G.						
21214376	HIV quality performance measures in a large integrated health care system	AIDS Patient Care STDS	Horberg, M.; Hurley, L.; Towner, W.; Gambatese, R.; Klein, D.; Antoniskis, D.; Weinberg, W.; Kadlecik, P.; Remmers, C.; Dobrinich, R.; Quesenberry, C.; Silverberg, M.; Johnson, M.	yes	no	no	no		no
21341962	HIV-disclosure, social support, and depression among HIV-infected African American women living in the rural southeastern United States	AIDS Educ Prev	Vyavaharkar, M.; Moneyham, L.; Corwin, S.; Tavakoli, A.; Saunders, R.; Annang, L.	yes	yes	no	no		no
20824549	HIV-infected patients and treatment outcomes: an equivalence study of community-located, primary care-based HIV treatment vs. hospital-based specialty care in the Bronx, New York	AIDS Care	Chu, C.; Umanski, G.; Blank, A.; Grossberg, R.; Selwyn, P. A.	yes	no	yes	no		no
20401768	How to improve the quality of a disease management program for HIV-infected patients using a computerized data system. The Saint-Antoine Orchestra program	AIDS Care	Fonquernie, F.; Lacombe, K.; Vincensini, J. P.; Boccara, F.; Clozel, S.; Ayouch Boda, A.; Bollens, D.; Campa, P.; Pacanowski, J.; Meynard, J. L.; Meyohas, M. C.;	yes	no	no	no		no

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			Girard, P. M.						
22298930	Impact of a New York City Health Department initiative to expand HIV partner services outside STD clinics	Public Health Rep	Udeagu, C. C.; Shah, D.; Shepard, C. W.; Bocour, A.; Guitierrez, R.; Begier, E. M.	yes	no	no	no		no
22272732	Impact of adherence counseling dose on antiretroviral adherence and HIV viral load among HIV-infected methadone maintained drug users	AIDS Care	Cooperman, N. A.; Heo, M.; Berg, K. M.; Li, X.; Litwin, A. H.; Nahvi, S.; Arnsten, J. H.	yes	no	no	no		no
22860900	Impact of HIV-specialized pharmacies on adherence and persistence with antiretroviral therapy	AIDS Patient Care STDS	Murphy, P.; Cocohoba, J.; Tang, A.; Pietrandoni, G.; Hou, J.; Guglielmo, B. J.	yes	no	no	no		no
18627280	Implementation and evaluation of a clinic-based behavioral intervention: positive steps for patients with HIV	AIDS Patient Care STDS	Gardner, L. I.; Marks, G.; O'Daniels, C. M.; Wilson, T. E.; Golin, C.; Wright, J.; Quinlivan, E. B.; Bradley-Springer, L.; Thompson, M.; Raffanti, S.; Thrun, M.	yes	no	no	no		no
23023860	Improved antiretroviral refill adherence in HIV-focused community pharmacies	J Am Pharm Assoc (2003)	Cocohoba, J. M.; Murphy, P.; Pietrandoni, G.; Guglielmo, B. J.	yes	yes	no	no		no
19243231	Improved prevention counseling by HIV care providers in a multisite, clinic-based intervention: Positive STEPs	AIDS Educ Prev	Thrun, M.; Cook, P. F.; Bradley-Springer, L. A.; Gardner, L.; Marks, G.; Wright, J.; Wilson, T. E.; Quinlivan, E. B.; O'Daniels, C.; Raffanti, S.;	yes	no	no	no		no

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			Thompson, M.; Golin, C.						
17428189	Improvement of psychosocial adjustment to HIV-1 infection through a cognitive-behavioral oriented group psychotherapy program: a pilot study	AIDS Patient Care STDS	Rousaud, A.; Blanch, J.; Hautzinger, M.; De Lazzari, E.; Peri, J. M.; Puig, O.; Martinez, E.; Masana, G.; De Pablo, J.; Gatell, J. M.	yes	yes	no	no		no
25301208	Improvements in HIV care engagement and viral load suppression following enrollment in a comprehensive HIV care coordination program	Clin Infect Dis	Irvine, M. K.; Chamberlin, S. A.; Robbins, R. S.; Myers, J. E.; Braunstein, S. L.; Mitts, B. J.; Harriman, G. A.; Laraque, F.; Nash, D.	yes	yes	yes	no		no
24625234	Improving cervical cancer screening rates in an urban HIV clinic	AIDS Care	Cross, S. L.; Suharwardy, S. H.; Bodavula, P.; Schechtman, K.; Overton, E. T.; Onen, N. F.; Lane, M. A.	yes	no	no	no		no
20922510	Improving coping skills for self-management of treatment side effects can reduce antiretroviral medication nonadherence among people living with HIV	Ann Behav Med	Johnson, M. O.; Dilworth, S. E.; Taylor, J. M.; Neilands, T. B.	yes	no	no	no		no
16770694	Improving dietary habits in disadvantaged women with HIV/AIDS: the SMART/EST women's project	AIDS Behav	Segal-Isaacson, C. J.; Tobin, J. N.; Weiss, S. M.; Brondolo, E.; Vaughn, A.; Wang, C.; Camille, J.; Gousse, Y.; Ishii, M.; Jones, D.; Laperriere,	yes	no	no	no		no

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			A.; Lydston, D.; Schneiderman, N.; Ironson, G.						
23265919	Improving sleep hygiene behavior in adults living with HIV/AIDS: a randomized control pilot study of the SystemCHANGE(TM)-HIV intervention	Appl Nurs Res	Webel, A. R.; Moore, S. M.; Hanson, J. E.; Patel, S. R.; Schmotzer, B.; Salata, R. A.	yes	no	no	no		no
104288112. Language:	Improving sleep hygiene behavior in adults living with HIV/AIDS: a randomized control pilot study of the SystemCHANGE <sup>®</sup> -HIV intervention	Applied Nursing Research	Webel, Allison R.; Moore, Shirley M.; Hanson, Jan E.; Patel, Sanjay R.; Schmotzer, Brian; Salata, Robert A.	yes	yes	no	no		no
19127438	Increases in positive reappraisal coping during a group-based mantram intervention mediate sustained reductions in anger in HIV-positive persons	Int J Behav Med	Bormann, J. E.; Carrico, A. W.	yes	no	no	no		no
22547872	Increasing access to oral health care for people living with HIV/AIDS in the U.S.: baseline evaluation results of the Innovations in Oral Health Care Initiative	Public Health Rep	Fox, J. E.; Tobias, C. R.; Bachman, S. S.; Reznik, D. A.; Rajabiun, S.; Verdecias, N.	yes	yes	yes	no		no
20675952	Increasing HIV-related knowledge, communication, and testing intentions among Latinos: Protege tu Familia: Hazte la Prueba	J Health Care Poor Underserved	Rios-Ellis, B.; Espinoza, L.; Bird, M.; Garcia, M.; D'Anna, L. H.; Bellamy, L.; Scolari, R.	yes	no	no	no		no



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21042930	Intensive case management before and after prison release is no more effective than comprehensive pre-release discharge planning in linking HIV-infected prisoners to care: a randomized trial	AIDS Behav	Wohl, D. A.; Scheyett, A.; Golin, C. E.; White, B.; Matuszewski, J.; Bowling, M.; Smith, P.; Duffin, F.; Rosen, D.; Kaplan, A.; Earp, J.	yes	no	no	no		no
104418936. Language:	Interest in, Concerns About, and Preferences for Potential Video-Group Delivery of an Effective Behavioral Intervention Among Women Living With HIV	AIDS & Behavior	Marhefka, Stephanie; Fuhrmann, Hollie; Gilliam, Patricia; Lopez, Bernice; Baldwin, Julie	yes	no	no	no		no
21890753	Lack of sustained improvement in adherence or viral load following a directly observed antiretroviral therapy intervention	Clin Infect Dis	Berg, K. M.; Litwin, A. H.; Li, X.; Heo, M.; Arnsten, J. H.	yes	no	yes	no		no
17139203	Life changing words: women's responses to being diagnosed with HIV infection	ANS Adv Nurs Sci	Stevens, P. E.; Hildebrandt, E.	yes	yes	yes	no		no
23224290	Linkage to HIV care for jail detainees: findings from detention to the first 30 days after release	AIDS Behav	Booker, C. A.; Flygare, C. T.; Solomon, L.; Ball, S. W.; Pustell, M. R.; Bazerman, L. B.; Simon-Levine, D.; Teixeira, P. A.; Cruzado-Quinones, J.; Kling, R. N.; Frew, P. M.; Spaulding, A. C.	yes	no	no	no		no

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23982662	Linkage, engagement, and viral suppression rates among HIV-infected persons receiving care at medical case management programs in Washington, DC	J Acquir Immune Defic Syndr	Willis, S.; Castel, A. D.; Ahmed, T.; Olejemeh, C.; Frison, L.; Kharfen, M.	yes	yes	no	no		no
15989436	Linking HIV-infected persons of color and injection drug users to HIV medical and other services: the California Bridge Project	AIDS Patient Care STDS	Molitor, F.; Kuenneth, C.; Waltermeyer, J.; Mendoza, M.; Aguirre, A.; Brockmann, K.; Crump, C.	yes	no	no	no		no
23704120	Long-term outcomes of a cell phone-delivered intervention for smokers living with HIV/AIDS	Clin Infect Dis	Gritz, E. R.; Danysh, H. E.; Fletcher, F. E.; Tami-Maury, I.; Fingeret, M. C.; King, R. M.; Arduino, R. C.; Vidrine, D. J.	yes	no	no	no		no
23358784	Managed problem solving for antiretroviral therapy adherence: a randomized trial	JAMA Intern Med	Gross, R.; Bellamy, S. L.; Chapman, J.; Han, X.; O'Duor, J.; Palmer, S. C.; Houts, P. S.; Coyne, J. C.; Strom, B. L.	yes	yes	no	no		no
18677084	Medical and support service utilization in a medical program targeting marginalized HIV-infected individuals	J Health Care Poor Underserve d	Cunningham, C. O.; Sanchez, J. P.; Li, X.; Heller, D.; Sohler, N. L.	yes	yes	yes	no		no
21925831	Mindfulness-based stress reduction for HIV treatment side effects: a randomized, wait-list controlled trial	J Pain Symptom Manage	Duncan, L. G.; Moskowitz, J. T.; Neilands, T. B.; Dilworth, S. E.; Hecht, F. M.; Johnson, M. O.	yes	no	no	no		no
19430305	Most positive HIV	J Acquir	Hanna, D. B.; Tsoi, B.	yes	yes	no	no		no

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	western blot tests do not diagnose new cases in New York City: implications for HIV testing programs	Immune Defic Syndr	W.; Begier, E. M.						
18077833	Motivational interviewing and cognitive-behavioral intervention to improve HIV medication adherence among hazardous drinkers: a randomized controlled trial	J Acquir Immune Defic Syndr	Parsons, J. T.; Golub, S. A.; Rosof, E.; Holder, C.	yes	no	no	no		no
22994175	New Jersey's HIV exposure law and the HIV-related attitudes, beliefs, and sexual and seropositive status disclosure behaviors of persons living with HIV	Am J Public Health	Galletly, C. L.; Glasman, L. R.; Pinkerton, S. D.; Difranceisco, W.	yes	no	no	no		no
17328657	Outcomes of a multifaceted medication adherence intervention for HIV-positive patients	AIDS Patient Care STDS	Dieckhaus, K. D.; Odesina, V.	yes	no	no	no		no
17563291	Outreach program contacts: do they increase the likelihood of engagement and retention in HIV primary care for hard-to-reach patients?	AIDS Patient Care STDS	Cabral, H. J.; Tobias, C.; Rajabiun, S.; Sohler, N.; Cunningham, C.; Wong, M.; Cunningham, W.	yes	no	yes	no		no
19911481	Peer support and pager messaging to promote antiretroviral modifying therapy in Seattle: a randomized controlled trial	J Acquir Immune Defic Syndr	Simoni, J. M.; Huh, D.; Frick, P. A.; Pearson, C. R.; Andrasik, M. P.; Dunbar, P. J.; Hooton, T. M.	yes	no	no	no		no

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24093931	Perceived stigma reductions following participation in mental health services integrated within community-based HIV primary care	AIDS Care	Farber, E. W.; Shahane, A. A.; Brown, J. L.; Campos, P. E.	yes	no	no	no		no
20161771	Perceptions of audio computer-assisted self-interviewing (ACASI) among women in an HIV-positive prevention program	PLoS One	Estes, L. J.; Lloyd, L. E.; Teti, M.; Raja, S.; Bowleg, L.; Allgood, K. L.; Glick, N.	yes	no	no	no		no
21749845	Personal meaning as a predictor of psychological well-being over time in individuals receiving HIV-related mental health services	Gen Hosp Psychiatry	Farber, E. W.; Woods, A.; Sherman, R. M.; Sharma, S. M.; Campos, P. E.	yes	no	no	no		no
18457763	Pilot testing HIV and intimate partner violence prevention modules among Spanish-speaking Latinas	J Assoc Nurses AIDS Care	Davila, Y. R.; Bonilla, E.; Gonzalez-Ramirez, D.; Grinslade, S.; Villarruel, A. M.	yes	no	no	no		no
104483596. Language:	Pilot testing of an HIV medication adherence intervention in a public clinic in the Deep South	Journal of the American Academy of Nurse Practitioners	Konkle-Parker, Deborah J.; Erlen, Judith A.; Dubbert, Patricia M.; May, Warran	yes	no	no	no		no
17879926	Potential risks and benefits of HIV treatment simplification: a simulation model of a proposed clinical trial	Clin Infect Dis	Schackman, B. R.; Scott, C. A.; Sax, P. E.; Losina, E.; Wilkin, T. J.; McKinnon, J. E.; Swindells, S.; Weinstein, M. C.;	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
			Freedberg, K. A.						
19234779	Predicting response to cognitive-behavioral therapy in a sample of HIV-positive patients with chronic pain	J Behav Med	Cucciare, M. A.; Sorrell, J. T.; Trafton, J. A.	yes	no	no	no		no
16639542	Providers' HIV prevention discussions with HIV-seropositive injection drug users	AIDS Behav	Wilkinson, J. D.; Zhao, W.; Santibanez, S.; Arnsten, J.; Knowlton, A.; Gomez, C. A.; Metsch, L. R.	yes	yes	no	no		no
18806878	Quality of care for HIV infection provided by Ryan White Program-supported versus Non-Ryan White Program-supported facilities	PLoS One	Sullivan, P. S.; Denniston, M.; Mokotoff, E.; Buskin, S.; Broyles, S.; McNaghten, A. D.	yes	no	no	no		no
23337369	Randomized clinical trial of HIV treatment adherence counseling interventions for people living with HIV and limited health literacy	J Acquir Immune Defic Syndr	Kalichman, S. C.; Cherry, C.; Kalichman, M. O.; Amaral, C.; White, D.; Grebler, T.; Eaton, L. A.; Cruess, D.; Dettori, M. A.; Caliendo, A. M.; Schinazi, R. F.	yes	yes	no	no		no
18626764	Randomized controlled trial of a cognitive-behavioral intervention for HIV-positive persons: an investigation of treatment effects on psychosocial adjustment	AIDS Behav	Carrico, A. W.; Chesney, M. A.; Johnson, M. O.; Morin, S. F.; Neilands, T. B.; Remien, R. H.; Rotheram-Borus, M. J.; Lennie Wong, F.	yes	no	no	no		no
19949848	Randomized trial of the effects of housing	AIDS Behav	Wolitski, R. J.; Kidder, D. P.; Pals, S. L.;	yes	no	no	no		no

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	assistance on the health and risk behaviors of homeless and unstably housed people living with HIV		Royal, S.; Aidala, A.; Stall, R.; Holtgrave, D. R.; Harre, D.; Courtenay-Quirk, C.						
19505589	Rationale, design, and sample characteristics of a randomized controlled trial of directly observed antiretroviral therapy delivered in methadone clinics	Contemp Clin Trials	Berg, K. M.; Mouriz, J.; Li, X.; Duggan, E.; Goldberg, U.; Arnsten, J. H.	yes	yes	yes	no		no
23432593	Reducing heavy drinking in HIV primary care: a randomized trial of brief intervention, with and without technological enhancement	Addiction	Hasin, D. S.; Aharonovich, E.; O'Leary, A.; Greenstein, E.; Pavlicova, M.; Arunajadai, S.; Waxman, R.; Wainberg, M.; Helzer, J.; Johnston, B.	yes	no	no	no		no
18799777	Reducing risky sexual behavior and substance use among currently and formerly homeless adults living with HIV	Am J Public Health	Rotheram-Borus, M. J.; Desmond, K.; Comulada, W. S.; Arnold, E. M.; Johnson, M.	yes	no	no	no		no
23025248	Reductions in traumatic stress following a coping intervention were mediated by decreases in avoidant coping for people living with HIV/AIDS and childhood sexual abuse	J Consult Clin Psychol	Sikkema, K. J.; Ranby, K. W.; Meade, C. S.; Hansen, N. B.; Wilson, P. A.; Kochman, A.	yes	no	no	no		no
17931064	Relaxation response with acupuncture trial in patients with HIV:	J Altern Compleme nt Med	Chang, B. H.; Boehmer, U.; Zhao, Y.; Sommers, E.	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	feasibility and participant experiences								
23636311	Reliability and validity of a treatment fidelity assessment for motivational interviewing targeting sexual risk behaviors in people living with HIV/AIDS	J Clin Psychol Med Settings	Seng, E. K.; Lovejoy, T. I.	yes	no	no	no		no
18089983	Results from a randomized controlled trial of a peer-mentoring intervention to reduce HIV transmission and increase access to care and adherence to HIV medications among HIV-seropositive injection drug users	J Acquir Immune Defic Syndr	Purcell, D. W.; Latka, M. H.; Metsch, L. R.; Latkin, C. A.; Gomez, C. A.; Mizuno, Y.; Arnsten, J. H.; Wilkinson, J. D.; Knight, K. R.; Knowlton, A. R.; Santibanez, S.; Tobin, K. E.; Rose, C. D.; Valverde, E. E.; Gourevitch, M. N.; Eldred, L.; Borkowf, C. B.	yes	no	no	no		no
25139373	Results from a secondary data analysis regarding satisfaction with health care among African American women living with HIV/AIDS	J Obstet Gynecol Neonatal Nurs	Baker, J. L.; Rodgers, C. R.; Davis, Z. M.; Gracely, E.; Bowleg, L.	yes	yes	no	no		no
18794720	Sleep disturbances in women with HIV or AIDS: efficacy of a tailored sleep promotion intervention	Nurs Res	Hudson, A. L.; Portillo, C. J.; Lee, K. A.	yes	no	no	no		no
105295242. Language:	Social support and adherence: differences among clients in an AIDS	JANAC: Journal of the	Gardenier, D.; Andrews, C. M.; Thomas, D. C.;	yes	yes	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	day health care program	Association of Nurses in AIDS Care	Bookhardt-Murray, L. J.; Fitzpatrick, J. J.						
109830186. Language:	Social Work and the HIV Care Continuum: Assisting HIV Patients Diagnosed in an Emergency Department	Social Work	Edmonds, Amy; Moore, Eric; Valdez, Andre; Tomlinson, Cheri	yes	yes	yes	no		no
24093810	Stages of change for adherence to antiretroviral medications	AIDS Patient Care STDS	Genberg, B. L.; Lee, Y.; Rogers, W. H.; Willey, C.; Wilson, I. B.	yes	no	no	no		no
105772863. Language:	Stress management interventions for HIV+ adults: a meta-analysis of randomized controlled trials, 1989 to 2006	Health Psychology	Scott-Sheldon, L. A.; Kalichman, S. C.; Carey, M. P.; Fielder, R. L.	yes	no	no	no		no
18329222	Substance abuse treatment in human immunodeficiency virus: the role of patient-provider discussions	J Subst Abuse Treat	Korthuis, P. T.; Josephs, J. S.; Fleishman, J. A.; Hellinger, J.; Himelhoch, S.; Chander, G.; Morse, E. B.; Gebo, K. A.	yes	no	no	no		no
17712763	Superiority of directly administered antiretroviral therapy over self-administered therapy among HIV-infected drug users: a prospective, randomized, controlled trial	Clin Infect Dis	Altice, F. L.; Maru, D. S.; Bruce, R. D.; Springer, S. A.; Friedland, G. H.	yes	no	no	no		no
23474642	Supportive-expressive and coping group teletherapies for HIV-infected older adults: a	AIDS Behav	Heckman, T. G.; Heckman, B. D.; Anderson, T.; Lovejoy, T. I.; Mohr,	yes	no	no	no		no



PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	randomized clinical trial		D.; Sutton, M.; Bianco, J. A.; Gau, J. T.						
18728987	Sustained antiretroviral treatment adherence in survivors of the pre-HAART era: attitudes and beliefs	AIDS Care	Fumaz, C. R.; Munoz-Moreno, J. A.; Molto, J.; Ferrer, M. J.; Lopez-Blazquez, R.; Negredo, E.; Paredes, R.; Gomez, G.; Clotet, B.	yes	yes	no	no		no
17091022	Sustained benefit from a long-term antiretroviral adherence intervention. Results of a large randomized clinical trial	J Acquir Immune Defic Syndr	Mannheimer, S. B.; Morse, E.; Matts, J. P.; Andrews, L.; Child, C.; Schmetter, B.; Friedland, G. H.	yes	no	no	no		no
105279406. Language:	Symptoms of psychological distress: a comparison of rural and urban individuals enrolled in HIV-related mental health care	AIDS Patient Care & STDs	Basta, T. B.; Shacham, E.; Reece, M.	yes	yes	no	no		no
103896180. Language:	Systematic Review of Couple-Based HIV Intervention and Prevention Studies: Advantages, Gaps, and Future Directions	AIDS & Behavior	Jiwatram-NegrÃ³n, Tina; El-Bassel, Nabila	yes	yes	no	no		no
19576548	Telephone nurse counseling improves HIV medication adherence: an effectiveness study	J Assoc Nurses AIDS Care	Cook, P. F.; McCabe, M. M.; Emiliozzi, S.; Pointer, L.	yes	no	no	no		no
21809048	Telephone-administered motivational interviewing reduces risky sexual behavior in HIV-positive late middle-age and older adults: a pilot	AIDS Behav	Lovejoy, T. I.; Heckman, T. G.; Suhr, J. A.; Anderson, T.; Heckman, B. D.; France, C. R.	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	randomized controlled trial								
20118830	Telephone-administered motivational interviewing to reduce risky sexual behavior in HIV-infected rural persons: a pilot randomized clinical trial	Sex Transm Dis	Cosio, D.; Heckman, T. G.; Anderson, T.; Heckman, B. D.; Garske, J.; McCarthy, J.	yes	no	no	no		no
22956397	Telephone-delivered motivational interviewing targeting sexual risk behavior reduces depression, anxiety, and stress in HIV-positive older adults	Ann Behav Med	Lovejoy, T. I.	yes	no	no	no		no
18678684	Telephone-delivered, interpersonal psychotherapy for HIV-infected rural persons with depression: a pilot trial	Psychiatr Serv	Ransom, D.; Heckman, T. G.; Anderson, T.; Garske, J.; Holroyd, K.; Basta, T.	yes	no	no	no		no
23760634	Test of a web-based program to improve adherence to HIV medications	AIDS Behav	Hersch, R. K.; Cook, R. F.; Billings, D. W.; Kaplan, S.; Murray, D.; Safren, S.; Goforth, J.; Spencer, J.	yes	no	no	no		no
17983336	The combined effect of relaxation response and acupuncture on quality of life in patients with HIV: a pilot study	J Altern Compleme nt Med	Chang, B. H.; Boehmer, U.; Zhao, Y.; Sommers, E.	yes	no	no	no		no
22955429	The effect of a 'universal antiretroviral therapy' recommendation on HIV RNA levels among HIV-infected patients entering	Clin Infect Dis	Geng, E. H.; Hare, C. B.; Kahn, J. O.; Jain, V.; Van Nunnery, T.; Christopoulos, K. A.; Deeks, S. G.; Gandhi,	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	care with a CD4 count greater than 500/muL in a public health setting		M.; Havlir, D. V.						
18260805	The feasibility of modified directly observed therapy for HIV-seropositive African American substance users	AIDS Patient Care STDS	Ma, M.; Brown, B. R.; Coleman, M.; Kibler, J. L.; Loewenthal, H.; Mitty, J. A.	yes	no	no	no		no
19372524	The health impact of supportive housing for HIV-positive homeless patients: a randomized controlled trial	Am J Public Health	Buchanan, D.; Kee, R.; Sadowski, L. S.; Garcia, D.	yes	no	no	no		no
17446833	The impact of a quality improvement program on systems, processes, and structures in medical clinics	Med Care	McInnes, D. K.; Landon, B. E.; Wilson, I. B.; Hirschhorn, L. R.; Marsden, P. V.; Malitz, F.; Barini-Garcia, M.; Cleary, P. D.	yes	no	no	no		no
23631790	The impact of social context on self-management in women living with HIV	Soc Sci Med	Webel, A. R.; Cuca, Y.; Okonsky, J. G.; Asher, A. K.; Kaihura, A.; Salata, R. A.	yes	no	no	no		no
23208648	The impact of substance use, sexual trauma, and intimate partner violence on sexual risk intervention outcomes in couples: a randomized trial	Ann Behav Med	Jones, D. L.; Kashy, D.; Villar-Loubet, O. M.; Cook, R.; Weiss, S. M.	yes	yes	no	no		no
24325326	The role of at-risk alcohol/drug use and treatment in appointment attendance and virologic suppression among	AIDS Res Hum Retroviruses	Howe, C. J.; Cole, S. R.; Napravnik, S.; Kaufman, J. S.; Adimora, A. A.; Elston, B.; Eron, J. J.,	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	HIV(+) African Americans		Jr.; Mugavero, M. J.						
103916111. Language:	The Validity of Self-Reported Medication Adherence as an Outcome in Clinical Trials of Adherence-Promotion Interventions: Findings from the MACH14 Study	AIDS & Behavior	Simoni, Jane; Huh, David; Wang, Yan; Wilson, Ira; Reynolds, Nancy; Remien, Robert; Goggin, Kathy; Gross, Robert; Rosen, Marc; Schneiderman, Neil; Arnsten, Julia; Golin, Carol; Erlen, Judith; Bangsberg, David; Liu, Honghu	yes	no	no	no		no
16019998	Transforming the meaning of HIV/AIDS in recovery from substance use: a qualitative study of HIV-positive women in New York	Health Care Women Int	Unger, H. V.; Collins, P. Y.	yes	yes	no	no		no
106496415. Language:	Transforming the meaning of HIV/AIDS in recovery from substance use: a qualitative study of HIV-positive women in New York	Health Care for Women Internationa I	Von Unger, H.; Collins, P. Y.	yes	yes	no	no		no
23128979	Transitional care coordination in New York City jails: facilitating linkages to care for people with HIV returning home from Rikers Island	AIDS Behav	Jordan, A. O.; Cohen, L. R.; Harriman, G.; Teixeira, P. A.; Cruzado-Quinones, J.; Venters, H.	yes	no	no	no		no
23725449	Use of web-based shared medical records among patients with HIV	Am J Manag Care	Ralston, J. D.; Silverberg, M. J.; Grothaus, L.; Leyden, W. A.; Ross, T.; Stewart, C.; Carzasty,	yes	no	yes	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
			S.; Horberg, M.; Catz, S. L.						
23515640	Using community health workers to improve clinical outcomes among people living with HIV: a randomized controlled trial	AIDS Behav	Kenya, S.; Jones, J.; Arheart, K.; Kobetz, E.; Chida, N.; Baer, S.; Powell, A.; Symes, S.; Hunte, T.; Monroe, A.; Carrasquillo, O.	yes	no	yes	no		No
17113345	Using digital videos displayed on personal digital assistants (PDAs) to enhance patient education in clinical settings	Int J Med Inform	Brock, T. P.; Smith, S. R.	yes	no	no	no		No
23651105	Utility of an interactive voice response system to assess antiretroviral pharmacotherapy adherence among substance users living with HIV/AIDS in the rural South	AIDS Patient Care STDS	Tucker, J. A.; Simpson, C. A.; Huang, J.; Roth, D. L.; Stewart, K. E.	yes	no	no	no		No
20059570	Yoga lifestyle intervention reduces blood pressure in HIV-infected adults with cardiovascular disease risk factors	HIV Med	Cade, W. T.; Reeds, D. N.; Mondy, K. E.; Overton, E. T.; Grassino, J.; Tucker, S.; Bopp, C.; Laciny, E.; Hubert, S.; Lassa-Claxton, S.; Yarasheski, K. E.	yes	no	no	no		No
15751766	A randomized controlled trial to enhance antiretroviral therapy adherence in patients with a history of alcohol problems	Antivir Ther	Samet, J. H.; Horton, N. J.; Meli, S.; Dukes, K.; Tripps, T.; Sullivan, L.; Freedberg, K. A.	yes	no	no	no		No
22010810	Girlfriends: evaluation of	AIDS Educ	Taylor, R. D.; Bimbi,	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	an HIV-risk reduction intervention for adult transgender women	Prev	D. S.; Joseph, H. A.; Margolis, A. D.; Parsons, J. T.						
16006211	HIV vaccine acceptability among women at risk: perceived barriers and facilitators to future HIV vaccine uptake	AIDS Educ Prev	Rudy, E. T.; Newman, P. A.; Duan, N.; Kelly, E. M.; Roberts, K. J.; Seiden, D. S.	yes	yes	no	no		No
20178024	Preliminary outcomes of a model program for increasing treatment access for African American women who use crack cocaine and are at risk for contracting HIV	J Evid Based Soc Work	Okpaku, S.; Macmaster, S. A.; Dennie, S.; Tolliver, D.; Cooper, R. L.; Rasch, R. F.	yes	no	no	no		No
105140793. Language:	Relationships between stigma, social support, and depression in HIV-infected African American women living in the rural southeastern United States	JANAC: Journal of the Association of Nurses in AIDS Care	Vyavaharkar, M.; Moneyham, L.; Corwin, S.; Saunders, R.; Annang, L.; Tavakoli, A.	yes	yes	no	no		No
17005999	Workforce reentry for people with HIV/AIDS: intervention effects and predictors of success	Work	Martin, D. J.; Arns, P. G.; Batterham, P. J.; Afifi, A. A.; Steckart, M. J.	yes	no	no	no		No
25512179	Couple-based HIV counseling and testing: a risk reduction intervention for US drug-involved women and their primary male partners	Prev Sci	McMahon, J. M. and Pouget, E. R. and Tortu, S.	yes	no	no	no		No
20640958	Improving adherence and clinical outcomes through an HIV	AIDS Care	Ma, A.; Chen, D. M.; Chau, F. M.; Saberi, P.	yes	no	no	no		No

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	pharmacist's interventions								
21347897	Social services utilization and need among a community sample of persons living with HIV in the rural south	AIDS Care	Stewart, K. E.; Phillips, M. M.; Walker, J. F.; Harvey, S. A.; Porter, A.	yes	no	no	no		no
26103592	Social Support, Stigma and Disclosure: Examining the Relationship with HIV Medication Adherence among Ryan White Program Clients in the Mid-South USA	Int J Environ Res Public Health	Pichon, L. C.	yes	yes	no	no		No
21939408	Time to first annual HIV care visit and associated factors for patients in care for HIV infection in 10 US cities	AIDS Care	Sullivan, P. S.; Juhasz, M.; McNaghten, A. D.; Frankel, M.; Bozzette, S.; Shapiro, M.	yes	no	no	no		No
26322677	Service Delivery and Patient Outcomes in Ryan White HIV/AIDS Program-Funded and -Nonfunded Health Care Facilities in the United States	JAMA Intern Med	Huff, A. and Chumbler, N. and Cherry, C. O.	yes	no	yes	no		No
22828593	A low-effort, clinic-wide intervention improves attendance for HIV primary care	Clin Infect Dis	Gardner, L. I.; Marks, G.; Craw, J. A.; Wilson, T. E.; Drainoni, M. L.; Moore, R. D.; Mugavero, M. J.; Rodriguez, A. E.; Bradley-Springer, L. A.; Holman, S.; Keruly, J. C.; Sullivan,	yes	no	no	no		no

PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
			M.; Skolnik, P. R.; Malitz, F.; Metsch, L. R.; Raper, J. L.; Giordano, T. P.						
22984780	Feasibility, acceptability, and preliminary efficacy of the unity workshop: an internalized stigma reduction intervention for African American women living with HIV	AIDS Patient Care STDS	Rao, D.; Desmond, M.; Andrasik, M.; Rasberry, T.; Lambert, N.; Cohn, S. E.; Simoni, J.	yes	yes	no	no		No
20025513	Using the Internet to provide care for persons living with HIV	AIDS Patient Care STDS	Horvath, K. J.; Courtenay-Quirk, C.; Harwood, E.; Fisher, H.; Kachur, R.; McFarlane, M.; O'Leary, A.; Rosser, B. R.	yes	no	no	no		No
104152050. Language:	WiLLOW: Reaching HIV-Positive African-American Women Through a Computer-Delivered Intervention	AIDS & Behavior	Klein, Charles; Lomonaco, Carmela; Pavlescak, Rik; Card, Josefina	yes	no	no	no		No
16041896	Improvements in health-related quality of life following a group intervention for coping with AIDS-bereavement among HIV-infected men and women	Qual Life Res	Sikkema, K. J.; Hansen, N. B.; Meade, C. S.; Kochman, A.; Lee, R. S.	yes	no	no	no		No
25043931	Real-time medication adherence monitoring intervention: test of concept in people living with HIV infection	J Assoc Nurses AIDS Care	Pellowski, J. A.; Kalichman, S. C.; White, D.; Amaral, C. M.; Hoyt, G.; Kalichman, M. O.	yes	no	no	no		No
23625127	Spirituality and optimism: a holistic approach to	J Relig Health	Brown, J.; Hanson, J. E.; Schmotzer, B.;	yes	no	no	no		no



PubMed ID	Title	Journal	Authors	Area 1 impact (yes/no)	Area 1 barriers (yes/no)	Area 2 (yes/no)	Area 3 comorbidities (yes/no)	Area 3 (what comorbidity)	Area 3 predictive model (yes/no)
	component-based, self-management treatment for HIV		Webel, A. R.						
18191769	Improving women's adjustment to HIV infection: results of the Positive Life Skills Workshop Project	J Assoc Nurses AIDS Care	Bova, C.; Burwick, T. N.; Quinones, M.	yes	no	no	no		No
25331820	Emergency department use among HIV-infected released jail detainees	J Urban Health	Boyd, A. T.	yes	yes	no	no		No
20024721	Trends in hospitalizations with psychiatric diagnoses among HIV-infected women in the USA, 1994-2004	AIDS Care	Bansil, P.; Jamieson, D. J.; Posner, S. F.; Kourtis, A. P.	no	Yes	no	no		No
17570298	Retaining women in HIV medical care	J Assoc Nurses AIDS Care	Andersen, M.; Hockman, E.; Smereck, G.; Tinsley, J.; Milfort, D.; Wilcox, R.; Smith, T.; Connelly, C.; Adams, L.; Thomas, R.	yes	no	yes	no		No
17971712	The influence of psychosocial characteristics and race/ethnicity on the use, duration, and success of antiretroviral therapy	J Acquir Immune Defic Syndr	Pence, B. W.; Ostermann, J.; Kumar, V.; Whetten, K.; Thielman, N.; Mugavero, M. J.	no	yes	yes	no		No

## Appendix C. Excluded Studies

PubMed ID	Title	Journal	Authors	Reason for exclusion
17136004	An adherence typology: coping, quality of life, and physical symptoms of people living with HIV/AIDS and their adherence to antiretroviral treatment	Med Sci Monit	Bader, A.; Kremer, H.; Erlich-Trungenberger, I.; Rojas, R.; Lohmann, M.; Deobald, O.; Lochmann, R.; Altmeyer, P.; Brockmeyer, N.	Exclusively not in U.S.
16722349	Bacterial pneumonia in the AIDS patients	West Afr J Med	Salami, A. K.; Olatunji, P. O.; Oluboyo, P. O.; Akanbi, A. A., 2nd; Fawibe, E. A.	Exclusively not in U.S.
24018492	Non-invasive assessment of liver steatosis and fibrosis in HIV/HCV- and HCV- infected patients	Ann Hepatol	Li Vecchi, V.; Giannitrapani, L.; Di Carlo, P.; Mazzola, G.; Colletti, P.; La Spada, E.; Vizzini, G.; Montalto, G.; Soresi, M.	Exclusively not in U.S.
20163346	Does HIV VCT reduce risk behaviors? An observational study in Guatemala City	Curr HIV Res	Samayoa, B.; Anderson, M. R.; O'Sullivan, L. F.; Patricia, K.; Pacheco, A.; Matos, A.; Reyes, D. A.; Setru, S.; Arathoon, E.	Exclusively not in U.S.
22010413	Impact of oral health care needs on health-related quality of life in adult HIV+ patients	Acta Odontol Latinoam	Sanchez, G. A.; D'Eramo, L. R.; Lecumberri, R.; Squassi, A. F.	Exclusively not in U.S.
22716106	Evaluation of mental status HIV-infected patients: implications for treatment	Curr HIV Res	Jin, Y. H.; Potthoff, A.; Xu, J.; Yu, W. J.; Liu, K.; Weng, N. C.; Brockmeyer, N. H.; Wu, N. P.	Exclusively not in U.S.
19936456	Study of vascular reactivity in HIV patients whether or not receiving protease inhibitor	Arq Bras Cardiol	Teixeira, H. N.; Mesquita, E. T.; Ribeiro, M. L.; Bazin, A. R.; Mesquita, C. T.; Teixeira, M. P.; Pellegrini Rda, C.; Nobrega, A. C.	Exclusively not in U.S.
22332689	Drug Interactions in Elderly Individuals with the Human Immunodeficiency Virus	Journal of the American Geriatrics Society	Darque, Albert	Exclusively not in U.S.
22390738	Self-Regulatory Processes Mediate the Intention-Behavior Relation for Adherence and Exercise Behaviors	Health Psychology	de Bruin, Marijn; Kok, Gerjo; Prins, Jan M.; Sheeran, Paschal; Hiemstra, Anneke; Hospers, Harm J.; van Breukelen, Gerard J. P.	Exclusively not in U.S.
16326857	Relation of sexual risks and prevention practices with individuals' stigmatising beliefs towards HIV infected individuals: an exploratory study	Sex Transm Infect	Liu, H.; Li, X.; Stanton, B.; Fang, X.; Mao, R.; Chen, X.; Yang, H.	Exclusively not in U.S.
20686104	Families Suffering With HIV/AIDS: What Family Nursing Interventions Are Useful to Promote Healing?	Journal of Family Nursing	Chintana, Wacharasin	Exclusively not in U.S.
25747796	Health service utilization of heroin abusers: a retrospective cohort study	Addict Behav	Chen, I. M.	Exclusively not in U.S.
23243129	A model to predict the response to therapy against hepatitis C virus (HCV) including low-density lipoprotein receptor genotype in HIV/HCV-coinfected	J Antimicrob Chemother	Neukam, K.; Almeida, C.; Caruz, A.; Rivero-Juarez, A.; Rallon, N. I.; Di Lello, F. A.; Herrero, R.; Camacho, A.; Benito, J. M.; Macias, J.;	Exclusively not in U.S.

PubMed ID	Title	Journal	Authors	Reason for exclusion
	patients		Rivero, A.; Soriano, V.; Pineda, J. A.	
21871086	Admissions to intensive care unit of HIV-infected patients in the era of highly active antiretroviral therapy: etiology and prognostic factors	Crit Care	Chiang, H. H.; Hung, C. C.; Lee, C. M.; Chen, H. Y.; Chen, M. Y.; Sheng, W. H.; Hsieh, S. M.; Sun, H. Y.; Ho, C. C.; Yu, C. J.	Exclusively not in U.S.
22958583	Associated factors for treatment delay in pulmonary tuberculosis in HIV-infected individuals: a nested case-control study	BMC Infect Dis	Coimbra, I.; Maruza, M.; Militao-Albuquerque Mde, F.; Moura, L. V.; Diniz, G. T.; Miranda-Filho Dde, B.; Lacerda, H. R.; Rodrigues, L. C.; Ximenes, R. A.	Exclusively not in U.S.
105069289. Language:	Electronic monitoring-based counseling to enhance adherence among HIV-infected patients: a randomized controlled trial	Health Psychology	de Bruin, M.; Hospers, H. J.; van Breukelen, G. J. P.; Kok, G.; Koevoets, W. M.; Prins, J. M.	Exclusively not in U.S.
21903660	Liver toxicity associated with antiretroviral therapy including efavirenz or ritonavir-boosted protease inhibitors in a cohort of HIV/hepatitis C virus co-infected patients	J Antimicrob Chemother	Neukam, K.; Mira, J. A.; Ruiz-Morales, J.; Rivero, A.; Collado, A.; Torres-Cornejo, A.; Merino, D.; de Los Santos-Gil, I.; Macias, J.; Gonzalez-Serrano, M.; Camacho, A.; Parra-Garcia, G.; Pineda, J. A.	Exclusively not in U.S.
23417632	Prevalence and clinical presentation of HIV positive female psychiatric inpatients	Afr J Psychiatry (Johannesbg)	Uys, H.	Exclusively not in U.S.
23980589	Prognostic significance of the interval between the initiation of antiretroviral therapy and the initiation of anti-tuberculosis treatment in HIV/tuberculosis-coinfected patients: results from the TREAT Asia HIV Observational Database	HIV Med	Han, S. H.; Zhou, J.; Lee, M. P.; Zhao, H.; Chen, Y. M.; Kumarasamy, N.; Pujari, S.; Lee, C.; Omar, S. F.; Ditangco, R.; Phanuphak, N.; Kiertiburanakul, S.; Chaiwarith, R.; Merati, T. P.; Yuniastuti, E.; Tanuma, J.; Saphonn, V.; Sohn, A. H.; Choi, J. Y.	Exclusively not in U.S.
25659285	Sofosbuvir plus ribavirin for treatment of hepatitis C virus in patients co-infected with HIV (PHOTON-2): a multicentre, open-label, non-randomised, phase 3 study	Lancet	Molina, J. M.; Orkin, C.; Iser, D. M.; Zamora, F. X.; Nelson, M.; Stephan, C.; Massetto, B.; Gaggar, A.; Ni, L.; Svarovskaia, E.; Brainard, D.; Subramanian, G. M.; McHutchison, J. G.; Puoti, M.; Rockstroh, J. K.	Exclusively not in U.S.
17002991	The relationship between HIV/Sexually Transmitted Infection risk and alcohol use during commercial sex episodes: results from the study of female commercial sex workers in the Philippines	Subst Use Misuse	Chiao, C.; Morisky, D. E.; Rosenberg, R.; Ksobiech, K.; Malow, R.	Exclusively not in U.S.
18192292	Unemployment as a risk factor for AIDS and death for HIV-infected patients in the era of highly active antiretroviral therapy	Sex Transm Infect	Delpierre, C.; Cuzin, L.; Lauwers-Cances, V.; Datta, G. D.; Berkman, L.; Lang, T.	Exclusively not in U.S.
18663046	Contraception and medical gynaecology for HIV-positive women in a one-stop clinic	Int J STD AIDS	Samuel, M. I.; Welch, J.; Tenant-Flowers, M.; Brady, M.; Poulton, M.; Savvas, M.; Kumar, U.;	Exclusively not in U.S.

PubMed ID	Title	Journal	Authors	Reason for exclusion
			Taylor, C.	
25382350	Improving hospital-based quality of care by reducing HIV-related stigma: evaluation results from Vietnam	AIDS Behav	Pulerwitz, J.; Oanh, K. T.; Akinwolemiwa, D.; Ashburn, K.; Nyblade, L.	Exclusively not in U.S.
18649341	Isolated core antibody hepatitis B in sub-Saharan African immigrants	J Med Virol	Gibney, K. B.; Torresi, J.; Lemoh, C.; Biggs, B. A.	Exclusively not in U.S.
24553705	Vulnerability of women living with HIV/AIDS	Rev Lat Am Enfermagem	Duarte, M. T.; Parada, C. M.; Souza Ldo, R.	Exclusively not in U.S.
106449101. Corporate	Influence of hepatitis C virus infection on HIV-1 disease progression and response to highly active antiretroviral therapy	Journal of Infectious Diseases	Rockstroh, J. K.	Exclusively not in U.S.
15872193	A description of a peer-run supervised injection site for injection drug users	J Urban Health	Kerr, T.; Oleson, M.; Tyndall, M. W.; Montaner, J.; Wood, E.	Exclusively not in U.S.
19432546	A double-blind, placebo-controlled trial of maraviroc in treatment-experienced patients infected with non-R5 HIV-1	J Infect Dis	Saag, M.; Goodrich, J.; Fatkenheuer, G.; Clotet, B.; Clumeck, N.; Sullivan, J.; Westby, M.; van der Ryst, E.; Mayer, H.	Exclusively not in U.S.
2014-43793-008	A grounded theory of social participation among older women living with HIV	Canadian Journal of Occupational Therapy / Revue Canadienne D'Ergotherapie	Siemon, Jennifer S.; Blenkhorn, Lisa; Wilkins, Seanne; O'Brien, Kelly K.; Solomon, Patricia E.	Exclusively not in U.S.
21431414	A multilevel analysis of the impact of socio-structural and environmental influences on condom use among female sex workers	AIDS Behav	Ang, A.; Morisky, D. E.	Exclusively not in U.S.
20813564	A new topical treatment protocol for oral hairy leukoplakia	Oral Surg Oral Med Oral Pathol Oral Radiol Endod	Moura, M. D.; Haddad, J. P.; Senna, M. I.; Ferreira e Ferreira, E.; Mesquita, R. A.	Exclusively not in U.S.
23115628	A novel educational strategy targeting health care workers in underserved communities in Central America to integrate HIV into primary medical care	PLoS One	Flys, T.; Gonzalez, R.; Sued, O.; Suarez Conejero, J.; Kestler, E.; Sosa, N.; McKenzie-White, J.; Monzon, II; Torres, C. R.; Page, K.	Exclusively not in U.S.
22341454	A promising diagnostic tool for toxoplasmic encephalitis: tachyzoite/bradyzoite stage-specific RT-PCR	Int J Infect Dis	Sukthana, Y.; Mahittikorn, A.; Wickert, H.; Tansuphaswasdikul, S.	Exclusively not in U.S.
16216784	A prospective, non-randomised phase 1-2 trial of VACOP-B with filgrastim support for HIV-related non-Hodgkin's lymphoma	Biotechnol Annu Rev	Sawka, C. A.; Shepherd, F. A.; Franssen, E.; Brandwein, J.; Dotten, D. A.; Routy, J. P.; Walker, I. R.; St-Louis, J.; Taylor, M.; Arts, K.;	Exclusively not in U.S.

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			Crump, M.; Foote, M.	
17961100	Assessing self-reported adherence to HIV therapy by questionnaire: the SERAD (Self-Reported Adherence) Study	AIDS Res Hum Retroviruses	Munoz-Moreno, J. A.; Fumaz, C. R.; Ferrer, M. J.; Tuldra, A.; Rovira, T.; Viladrich, C.; Bayes, R.; Burger, D. M.; Negredo, E.; Clotet, B.	Exclusively not in U.S.
104835617. Corporate	Association of pharmacogenetic markers with premature discontinuation of first-line anti-HIV therapy: an observational cohort study	Journal of Infectious Diseases	Lubomirov, R.; Colombo, S.; di Iulio, J.; Ledergerber, B.; Martinez, R.; Cavassini, M.; Hirschel, B.; Bernasconi, E.; Elzi, L.; Vernazza, P.; Furrer, H.; Günthard, H. F.; Telenti, A.	Exclusively not in U.S.
24176943	Changes to antiretroviral drug regimens during integrated TB-HIV treatment: results of the SAPiT trial	Antivir Ther	Naidoo, A.; Naidoo, K.; Yende-Zuma, N.; Gengiah, T. N.; Padayatchi, N.; Gray, A. L.; Bamber, S.; Nair, G.; Karim, S. S.	Exclusively not in U.S.
104376858. Corporate	Comparison of high ribavirin induction versus standard ribavirin dosing, plus peginterferon-[alpha] for the treatment of chronic hepatitis C in HIV-infected patients: the PERICO trial	Journal of Infectious Diseases	Labarga, P.; Barreiro, P.; da Silva, A.; Guardiola, J. M.; Rubio, R.; Aguirrebengoa, K.; Miralles, P.; Portu, J.; Tallez, M. J.; Morano, L.; Castro, A.; Pineda, J. A.; Terrán, A.; Hernández-Quero, J.; Mariño, A.; Ríos, M. J.; Echeverría, S.; Asensi, V.; Vispo, E.; Soriano, V.	Exclusively not in U.S.
19662759	Dyslipidemia and adherence to the Mediterranean diet in Croatian HIV-infected patients during the first year of highly active antiretroviral therapy	Coll Antropol	Turcinov, D.; Stanley, C.; Canchola, J. A.; Rutherford, G. W.; Novotny, T. E.; Begovac, J.	Exclusively not in U.S.
20428637	Effectiveness of highly active antiretroviral therapy (HAART) used concomitantly with rifampicin in patients with tuberculosis and AIDS	Braz J Infect Dis	Sant'Anna, F. M.; Velasque, L.; Costa, M. J.; Schmaltz, C. A.; Morgado, M. G.; Lourenco, M. C.; Grinsztejn, B.; Rolla, V. C.	Exclusively not in U.S.
22532465	Efficacy and safety of rilpivirine in treatment-naive, HIV-1-infected patients with hepatitis B virus/hepatitis C virus coinfection enrolled in the Phase III randomized, double-blind ECHO and THRIVE trials	J Antimicrob Chemother	Nelson, M.; Amaya, G.; Clumeck, N.; Arns da Cunha, C.; Jayaweera, D.; Junod, P.; Li, T.; Tebas, P.; Stevens, M.; Buelens, A.; Vanveggel, S.; Boven, K.	Exclusively not in U.S.
17625761	Efficacy of amphotericin B in a fat emulsion for the treatment of cryptococcal meningitis in AIDS patients	Braz J Infect Dis	Rubio, F. G.; Zanon, J. R.; de Almeida, M. T.; de Gongora, D. V.	Exclusively not in U.S.
24660762	Evaluation of human immunodeficiency virus infection-related left ventricular systolic dysfunction by tissue Doppler strain echocardiography	Echocardiography	Onur, I.; Ikitimur, B.; Oz, F.; Ekmekci, A.; Elitok, A.; Cagatay, A. A.; Adalet, K.; Bilge, A. K.; Kaya, M. G.	Exclusively not in U.S.
23607445	HCV clearance from saliva of HIV-HCV-coinfected patients on treatment with interferon plus ribavirin	Oral Dis	Feijoo, J.; Eirea, M.; Limeres, J.; Abeleira, M.; Ramos, I.; Ocampo, A.; Diz, P.	Exclusively not in U.S.
25234379	Hospital and ambulatory management, and compliance to treatment in HIV infection: regional health insurance agency analysis	Med Mal Infect	Hassen-Khodja, C.; Gras, G.; Grammatico-Guillon, L.; Dupuy, C.; Gomez, J. F.; Freslon, L.; Dailloux, J. F.; Soufflet, A.; Bernard, L.	Exclusively not in U.S.
19466962	Imiquimod 5% cream for external genital or perianal	Br J Dermatol	Saiag, P.; Bauhofer, A.; Bouscarat, F.; Aquilina,	Exclusively not in U.S.

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	warts in human immunodeficiency virus-positive patients treated with highly active antiretroviral therapy: an open-label, noncomparative study		C.; Ortonne, J. P.; Dupin, N.; Mouglin, C.	
26196665	Ledipasvir and Sofosbuvir for HCV in Patients Coinfected with HIV-1	N Engl J Med	Naggie, S.; Cooper, C.; Saag, M.; Workowski, K.; Ruane, P.; Towner, W. J.; Marks, K.; Luetkemeyer, A.; Baden, R. P.; Sax, P. E.; Gane, E.; Santana-Bagur, J.; Stamm, L. M.; Yang, J. C.; German, P.; Dvory-Sobol, H.; Ni, L.; Pang, P. S.; McHutchison, J. G.; Stedman, C. A.; Morales-Ramirez, J. O.; Brau, N.; Jayaweera, D.; Colson, A. E.; Tebas, P.; Wong, D. K.; Dieterich, D.; Sulkowski, M.	Exclusively not in U.S.
16269184	Pegylated interferon alpha-2b plus ribavirin for the treatment of chronic hepatitis C in HIV-coinfected patients	J Infect	Voigt, E.; Schulz, C.; Klausen, G.; Goelz, J.; Mauss, S.; Schmutz, G.; Jessen, H.; Weitner, L.; Mutz, A.; Schranz, D.; Rockstroh, J. K.	Exclusively not in U.S.
23260763	Pneumocystis jirovecii genotype associated with increased death rate of HIV-infected patients with pneumonia	Emerg Infect Dis	Rabodonirina, M.; Vaillant, L.; Taffe, P.; Nahimana, A.; Gillibert, R. P.; Vanhems, P.; Hauser, P. M.	Exclusively not in U.S.
24244647	Predictive factors of herpes zoster HIV-infected patients: another adverse effect of crack cocaine	PLoS One	Nacher, M.; Basurko, C.; Adenis, A.; Gaubert-Marechal, E.; Mosnier, E.; Edouard, S.; Vantilcke, V.; Sivapregassam, S.; Tressieres, B.; Cabie, A.; Couppie, P.	Exclusively not in U.S.
18925321	Progressive resistance training in elderly HIV-positive patients: does it work?	Clinics (Sao Paulo)	Souza, P. M.; Jacob-Filho, W.; Santarem, J. M.; Silva, A. R.; Li, H. Y.; Burattini, M. N.	Exclusively not in U.S.
105438694. Language:	Radiation therapy for HIV-associated diffuse large cell non-Hodgkin lymphoma	JIAPAC: Journal of the International Association of Physicians in AIDS Care	Rothschild, S.; Dolder, M.; Seifert, B.; L'Amolf, U. M.; Ciernik, I. F.	Exclusively not in U.S.
19955873	Reducing sexual risk behavior among steady heterosexual serodiscordant couples in a testing and counseling program	Sex Transm Dis	Hernando, V.; del Romero, J.; Garcia, S.; Rodriguez, C.; del Amo, J.; Castilla, J.	Exclusively not in U.S.
22007690	Safety and tolerability of varenicline tartrate (Champix((R))/Chantix((R))) for smoking cessation in HIV-infected subjects: a pilot open-label study	AIDS Patient Care STDS	Cui, Q.; Robinson, L.; Elston, D.; Smaill, F.; Cohen, J.; Quan, C.; McFarland, N.; Thabane, L.; Mclvor, A.; Zeidler, J.; Smieja, M.	Exclusively not in U.S.
21850442	Sticking to it: the effect of maximally assisted therapy on antiretroviral treatment adherence among individuals living with HIV who are unstably housed	AIDS Behav	Parashar, S.; Palmer, A. K.; O'Brien, N.; Chan, K.; Shen, A.; Coulter, S.; Montaner, J. S.; Hogg, R. S.	Exclusively not in U.S.

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15829028	Study of patients diagnosed with advanced HIV in the HAART era--OMEGA Cohort	Int J STD AIDS	Santos, J.; Palacios, R.; Ruiz, J.; Gonzalez, M.; Marquez, M.	Exclusively not in U.S.
17411390	Substance use and sexual behaviors among Japanese tourists, students, and temporary workers in Honolulu, Hawaii	AIDS Educ Prev	Nemoto, T.; Iwamoto, M.; Morris, A.; Yokota, F.; Wada, K.	Exclusively not in U.S.
25300708	Successful MDR-TB treatment regimens including amikacin are associated with high rates of hearing loss	BMC Infect Dis	Modongo, C.; Sobota, R. S.; Kesenogile, B.; Ncube, R.; Sirugo, G.; Williams, S. M.; Zetola, N. M.	Exclusively not in U.S.
19922624	Survey of both hepatitis B virus (HBsAg) and hepatitis C virus (HCV-Ab) coinfection among HIV positive patients	Virol J	Mohammadi, M.; Talei, G.; Sheikhan, A.; Ebrahimzade, F.; Pournia, Y.; Ghasemi, E.; Boroun, H.	Exclusively not in U.S.
22410415	Survival of HIV-infected patients after starting tuberculosis treatment: a prospective cohort study	Int J Tuberc Lung Dis	Maruza, M.; Albuquerque, M. F.; Braga, M. C.; Barbosa, M. T.; Byington, R.; Coimbra, I.; Moura, L. V.; Batista, J. D.; Diniz, G. T.; Miranda-Filho, D. B.; Lacerda, H. R.; Rodrigues, L. C.; Ximenes, R. A.	Exclusively not in U.S.
106532327. Language:	The evaluation of a Latino community health worker HIV prevention program	Hispanic Journal of Behavioral Sciences	Martin, M.; Camargo, M.; Ramos, L.; Lauderdale, D.; Krueger, K.; Lantos, J.	Exclusively not in U.S.
19266411	The influence of the patients' educational levels on socioeconomic, clinical, immunological and virological endpoints	AIDS Care	Collazos, J.; Asensi, V.; Carton, J. A.; Ibarra, S.	Exclusively not in U.S.
23473586	Where sex ends and emotions begin': love and HIV risk among female sex workers and their intimate, non-commercial partners along the Mexico-US border	Cult Health Sex	Syvertsen, J. L.; Robertson, A. M.; Palinkas, L. A.; Rangel, M. G.; Martinez, G.; Strathdee, S. A.	Exclusively not in U.S.
18834909	A rapid immunochromatographic assay for the detection of Mycobacterium tuberculosis antigens in pulmonary samples from HIV seropositive patients and its comparison with conventional methods	J Microbiol Methods	Chakraborty, N.; Bhattacharyya, S.; De, C.; Mukherjee, A.; Sarkar, R. N.; Banerjee, D.; Chakraborti, S.; Bhattacharyya, S. K.	Exclusively not in U.S.
24551079	Abriendo Puertas: baseline findings from an integrated intervention to promote prevention, treatment and care among FSW living with HIV in the Dominican Republic	PLoS One	Donastorg, Y.; Barrington, C.; Perez, M.; Kerrigan, D.	Exclusively not in U.S.
21267059	Development of a standardized screening rule for tuberculosis in people living with HIV in resource-constrained settings: individual participant data meta-analysis of observational studies	PLoS Med	Getahun, H.; Kittikraisak, W.; Heilig, C. M.; Corbett, E. L.; Ayles, H.; Cain, K. P.; Grant, A. D.; Churchyard, G. J.; Kimerling, M.; Shah, S.; Lawn, S. D.; Wood, R.; Maartens, G.; Granich, R.; Date, A. A.; Varma, J. K.	Exclusively not in U.S.
103759178.	Effect of Aging, Glucose Level, and HIV Viral Load on	Journal of	Nasta, Paola; Maida, Ivana; Cattelan, Anna	Exclusively not in U.S.

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Language:	Response to Treatment with Pegylated Interferon Plus Ribavirin in HIV/HCV Co-Infected Women	Women's Health (15409996)	Maria; Pontali, Emanuele; Angeli, Elena; Giralda, Mariarosaria; Verucchi, Gabriella; Caputo, Antonietta; Iannacone, Claudio; Puoti, Massimo; Carosi, Giampiero	
24888938	Evaluation of a single-visit approach to cervical cancer screening and treatment in Guyana: feasibility, effectiveness and lessons learned	J Obstet Gynaecol Res	Martin, C. E.; Tergas, A. I.; Wysong, M.; Reinsel, M.; Estep, D.; Varallo, J.	Exclusively not in U.S.
23973400	Evaluation of a strategy aimed at reducing errors in antiretroviral prescriptions for hospitalized HIV-infected patients	Med Mal Infect	Lauzevis, S.; Chaix, F.; Lazzarini, C.	Exclusively not in U.S.
19670415	Fast fibrosis progression between repeated liver biopsies in patients coinfecting with human immunodeficiency virus/hepatitis C virus	Hepatology	Macias, J.; Berenguer, J.; Japon, M. A.; Giron, J. A.; Rivero, A.; Lopez-Cortes, L. F.; Moreno, A.; Gonzalez-Serrano, M.; Iribarren, J. A.; Ortega, E.; Miralles, P.; Mira, J. A.; Pineda, J. A.	Exclusively not in U.S.
22905704	Implementation and effect of intensified case finding on diagnosis of tuberculosis in a large urban HIV clinic in Uganda: a retrospective cohort study	BMC Public Health	Hermans, S.; Nasuuna, E.; van Leth, F.; Byhoff, E.; Schwarz, M.; Hoepelman, A.; Lange, J.; Manabe, Y. C.	Exclusively not in U.S.
25105798	Increased costs of HIV care associated with aging in an HIV-infected population	HIV Med	Krentz, H. B.; Gill, M. J.	Exclusively not in U.S.
25365974	Long-term protection from isoniazid preventive therapy for tuberculosis in HIV-infected patients in a medium-burden tuberculosis setting: the TB/HIV in Rio (THRio) study	Clin Infect Dis	Golub, J. E.; Cohn, S.; Saraceni, V.; Cavalcante, S. C.; Pacheco, A. G.; Moulton, L. H.; Durovni, B.; Chaisson, R. E.	Exclusively not in U.S.
109814389. Language:	Patient Perspectives on Leaving, Disengaging, and Returning to HIV Care	AIDS Patient Care & STDs	Gill, Victoria C.; Krentz, Hartmut B.	Exclusively not in U.S.
23197168	Potent antiretroviral therapy for human immunodeficiency virus infection increases aortic stiffness	Arq Bras Cardiol	Eira, M.; Bensenor, I. M.; Dorea, E. L.; Cunha, R. S.; Mill, J. G.; Lotufo, P. A.	Exclusively not in U.S.
18425282	Recurrence of cervical intraepithelial neoplasia grades 2 or 3 in HIV-infected women treated by large loop excision of the transformation zone (LLETZ)	Sao Paulo Med J	Russomano, F.; Reis, A.; Camargo, M. J.; Grinsztejn, B.; Tristao, M. A.	Exclusively not in U.S.
24269677	Sustained virological response in HIV/HCV co-infected patients treated with pegylated interferon/ribavirin can be predicted from the overall rate of viral load decline over the first 4 weeks of therapy	J Infect	Rivero-Juarez, A.; Neukam, K.; Labarga, P.; Camacho, A.; Macias, J.; Barreiro, P.; Torre-Cisneros, J.; Pineda, J. A.; Soriano, V.; Rivero, A.	Exclusively not in U.S.
24474009	The effects of a diet formulation with oats, soybeans, and flax on lipid profiles and uricemia in patients with AIDS and dyslipidemia	Rev Soc Bras Med Trop	Ferreira Rdos, S.; Cassaro, D. C.; Domingos, H.; Pontes, E. R.; Aiko, P. H.; Meira, J. E.	Exclusively not in U.S.



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19033475	The efficacy of a US-based medicine recycling program delivering antiretroviral drugs worldwide	J Int Assoc Physicians AIDS Care (Chic)	Patrick, P. A.; Jibilian, A.; Herasme, O.; Valencia, J.; Hernandez, E. C.; Jurado, S.; Aguais, J.	Exclusively not in U.S.
23065463	Baseline risk factors for relapse in HIV/HCV co-infected patients treated with PEG-IFN/RBV	Infection	Rivero-Juarez, A.; Mira, J. A.; Camacho, A.; Neukam, K.; Perez-Camacho, I.; Caruz, A.; Macias, J.; Torre-Cisneros, J.; Pineda, J. A.; Rivero, A.	Exclusively not in U.S.
20493576	Comparison of liver fibrosis blood tests developed for HCV with new specific tests in HIV/HCV co-infection	J Hepatol	Cales, P.; Halfon, P.; Batisse, D.; Carrat, F.; Perre, P.; Penaranda, G.; Guyader, D.; d'Alteroche, L.; Fouchard-Hubert, I.; Michelet, C.; Veillon, P.; Lambert, J.; Weiss, L.; Salmon, D.; Cacoub, P.	Exclusively not in U.S.
21274869	Liver transplantation for hepatocellular carcinoma: the impact of human immunodeficiency virus infection	Hepatology	Vibert, E.; Duclos-Vallee, J. C.; Ghigna, M. R.; Hoti, E.; Salloum, C.; Guettier, C.; Castaing, D.; Samuel, D.; Adam, R.	N<10
23532683	Tolerance and toxicity of primary radiation therapy in the management of seropositive HIV patients with squamous cell carcinoma of the head and neck	Laryngoscope	Mourad, W. F.; Hu, K. S.; Ishihara, D.; Shourbaji, R. A.; Lin, W.; Kumar, M.; Jacobson, A. S.; Tran, T.; Manolidis, S.; Urken, M.; Persky, M.; Harrison, L.	N<10
18793085	<sup>18</sup> F-fluorodeoxyglucose positron emission tomography/computed tomography in AIDS-related Burkitt lymphoma	AIDS Patient Care STDS	Just, P. A.; Fieschi, C.; Baillet, G.; Galicier, L.; Oksenhendler, E.; Moretti, J. L.	N<10
19625372	A pilot randomized trial comparing an intensive versus a standard intervention in stable HIV-infected patients with moderate-high cardiovascular risk	J Antimicrob Chemother	Masia, M.; Bernal, E.; Padilla, S.; Garcia, N.; Escribano, J. C.; Martinez, E.; Gutierrez, F.	N<10
22458375	A pilot study of the effects of internet-based cognitive stimulation on neuropsychological function in HIV disease	Disabil Rehabil	Becker, J. T.; Dew, M. A.; Aizenstein, H. J.; Lopez, O. L.; Morrow, L.; Saxton, J.; Tarraga, L.	N<10
18627279	A qualitative examination of the indirect effects of modified directly observed therapy on health behaviors other than adherence	AIDS Patient Care STDS	Bradley-Ewing, A.; Thomson, D.; Pinkston, M.; Goggin, K. J.	N<10
16338772	A qualitative study of persons who are 100% adherent to antiretroviral therapy	AIDS Care	Lewis, M. P.; Colbert, A.; Erlen, J.; Meyers, M.	N<10
17109305	A trial of integrated buprenorphine/naloxone and HIV clinical care	Clin Infect Dis	Sullivan, L. E.; Barry, D.; Moore, B. A.; Chawarski, M. C.; Tetrault, J. M.; Pantaloni, M. V.; O'Connor, P. G.; Schottenfeld, R. S.; Fiellin, D. A.	N<10
15883411	AIDS-related Burkitt's lymphoma versus diffuse large-	J Clin Oncol	Lim, S. T.; Karim, R.; Nathwani, B. N.; Tulpule,	N<10

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	cell lymphoma in the pre-highly active antiretroviral therapy (HAART) and HAART eras: significant differences in survival with standard chemotherapy		A.; Espina, B.; Levine, A. M.	
25942456	Altered Monoamine and Acylcarnitine Metabolites in HIV-Positive and HIV-Negative Subjects With Depression	J Acquir Immune Defic Syndr	Cassol, E.; Misra, V.; Morgello, S.; Kirk, G. D.; Mehta, S. H.; Gabuzda, D.	N<10
17959343	An open-label pilot study of high-concentration capsaicin patch in painful HIV neuropathy	J Pain Symptom Manage	Simpson, D. M.; Estanislao, L.; Brown, S. J.; Sampson, J.	N<10
23082133	Angiotensin converting enzyme inhibitor and HMG-CoA reductase inhibitor as adjunct treatment for persons with HIV infection: a feasibility randomized trial	PLoS One	Baker, J. V.; Huppler Hullsiek, K.; Prosser, R.; Duprez, D.; Grimm, R.; Tracy, R. P.; Rhame, F.; Henry, K.; Neaton, J. D.	N<10
17505167	Biochemical and virologic parameters in patients co-infected with hepatitis C and HIV versus patients with hepatitis C mono-infection	Am J Med Sci	Butt, A. A.; Tsevat, J.; Ahmad, J.; Shakil, A. O.; Mrus, J. M.	N<10
25007250	CD127 expression, exhaustion status and antigen specific proliferation predict sustained virologic response to IFN in HCV/HIV co-infected individuals	PLoS One	Kared, H.; Saeed, S.; Klein, M. B.; Shoukry, N. H.	N<10
24449348	CD4/CD8 ratio is a promising candidate for non-invasive measurement of liver fibrosis in chronic HCV-monoinfected patients	Eur J Clin Microbiol Infect Dis	Feuth, T.; van Baarle, D.; van Erpecum, K. J.; Siersema, P. D.; Hoepelman, A. I.; Arends, J. E.	N<10
22011066	Clinical presentation, treatment, and outcomes among 65 patients with HIV-associated lymphoma treated at the University of North Carolina, 2000-2010	AIDS Res Hum Retroviruses	Gopal, S.; Martin, K. E.; Richards, K. L.; Eron, J. J.	N<10
22536930	Correlates of antiretroviral and antidepressant adherence among depressed HIV-infected patients	AIDS Patient Care STDS	Bottonari, K. A.; Tripathi, S. P.; Fortney, J. C.; Curran, G.; Rimland, D.; Rodriguez-Barradas, M.; Gifford, A. L.; Pyne, J. M.	N<10
16003227	Cyclosporine pharmacokinetics and dosing modifications in human immunodeficiency virus-infected liver and kidney transplant recipients	Transplantation	Frassetto, L.; Baluom, M.; Jacobsen, W.; Christians, U.; Roland, M. E.; Stock, P. G.; Carlson, L.; Benet, L. Z.	N<10
23406479	Damaging what wasn't damaged already': psychological tension and antiretroviral adherence among HIV-infected methadone-maintained drug users	AIDS Care	Batchelder, A. W.; Brisbane, M.; Litwin, A. H.; Nahvi, S.; Berg, K. M.; Arnsten, J. H.	N<10
23332014	Developing a personal health record self-efficacy tool	Appl Nurs Res	Nokes, K. M.; Verkuilen, J.; Hickey, D. E.; James-Borga, J. C.; Shan, J.	N<10
23407015	Development and evaluation of an internet and personal health record training program for low-income	Med Care	McInnes, D. K.; Solomon, J. L.; Shimada, S. L.; Petrakis, B. A.; Bokhour, B. G.; Asch, S. M.;	N<10

PubMed ID	Title	Journal	Authors	Reason for exclusion
	patients with HIV or hepatitis C		Nazi, K. M.; Houston, T. K.; Gifford, A. L.	
24029625	Development of a personalized bidirectional text messaging tool for HIV adherence assessment and intervention among substance abusers	J Subst Abuse Treat	Ingersoll, K.; Dillingham, R.; Reynolds, G.; Hetteima, J.; Freeman, J.; Hosseinbor, S.; Winstead-Derlega, C.	N<10
21154261	Doppler tissue imaging unmasks right ventricular function abnormalities in HIV-infected patients	Cardiol J	Karavidas, A.; Tsiachris, D.; Lazaros, G.; Xylomenos, G.; Arapi, S.; Potamitis, N.; Matzaraki, V.; Caplanis, J.; Matsakas, E.; Gargalianos, P.; Pyrgakis, V.; Stefanadis, C.	N<10
21371580	Durability of antibody responses after receipt of the monovalent 2009 pandemic influenza A (H1N1) vaccine among HIV-infected and HIV-uninfected adults	Vaccine	Crum-Cianflone, N. F.; Iverson, E.; Defang, G.; Blair, P. J.; Eberly, L. E.; Maguire, J.; Ganesan, A.; Faix, D.; Duplessis, C.; Lalani, T.; Whitman, T.; Brandt, C.; Macalino, G.; Millar, E. V.; Burgess, T.	N<10
21220657	Effectiveness of collaborative care for depression in human immunodeficiency virus clinics	Arch Intern Med	Pyne, J. M.; Fortney, J. C.; Curran, G. M.; Tripathi, S.; Atkinson, J. H.; Kilbourne, A. M.; Hagedorn, H. J.; Rimland, D.; Rodriguez-Barradas, M. C.; Monson, T.; Bottonari, K. A.; Asch, S. M.; Gifford, A. L.	N<10
23394825	Effects of behavioral stress reduction Transcendental Meditation intervention in persons with HIV	AIDS Care	Chhatre, S.; Metzger, D. S.; Frank, I.; Boyer, J.; Thompson, E.; Nidich, S.; Montaner, L. J.; Jayadevappa, R.	N<10
17064957	Efficacy and safety of peg-IFN alfa-2a with ribavirin for the treatment of HCV/HIV coinfecting patients who failed previous IFN based therapy	J Clin Virol	Rodriguez-Torres, M.; Rodriguez-Orengo, J. F.; Rios-Bedoya, C. F.; Fernandez-Carbia, A.; Gonzalez-Lassalle, E.; Salgado-Mercado, R.; Marxuach-Cuetara, A. M.	N<10
20920996	Efficacy and toxicity of chemoradiation in the treatment of HIV-associated anal cancer	Clin Colorectal Cancer	Hauerstock, D.; Ennis, R. D.; Grossbard, M.; Evans, A.	N<10
18567911	Efficacy of pegylated interferon and ribavirin for retreatment of chronic HCV infection in HIV co-infected patients failing a previous standard interferon-based regimen	J Antimicrob Chemother	Crespo, M.; Mira, J. A.; Pineda, J. A.; Van den Eynde, E.; Rios-Villegas, M. J.; Collado, A.; Giron-Gonzalez, J. A.; Lopez-Cortes, L. F.; Gonzalez-Serrano, M.; Rivero, A.; Merino, D.; Esteban, J. I.	N<10
24326607	Epidemiology of head and neck squamous cell cancer among HIV-infected patients	J Acquir Immune Defic Syndr	D'Souza, G.; Carey, T. E.; William, W. N., Jr.; Nguyen, M. L.; Ko, E. C.; Riddell, J. th; Pai, S. I.; Gupta, V.; Walline, H. M.; Lee, J. J.; Wolf, G. T.; Shin, D. M.; Grandis, J. R.; Ferris, R. L.	N<10
19260770	Experiences of stigma and discrimination among adults living with HIV in a low HIV-prevalence context: a qualitative analysis	AIDS Patient Care STDS	Zukoski, A. P.; Thorburn, S.	N<10

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22959481	Exploratory study: evaluating the effects of fish oil and controlled diet to reduce triglyceride levels in HIV	J Assoc Nurses AIDS Care	Capili, B.; Anastasi, J. K.	N<10
17971707	Fish oil and fenofibrate for the treatment of hypertriglyceridemia in HIV-infected subjects on antiretroviral therapy: results of ACTG A5186	J Acquir Immune Defic Syndr	Gerber, J. G.; Kitch, D. W.; Fichtenbaum, C. J.; Zackin, R. A.; Charles, S.; Hogg, E.; Acosta, E. P.; Connick, E.; Wohl, D.; Kojic, E. M.; Benson, C. A.; Aberg, J. A.	N<10
17058240	HCV kinetics, quasispecies, and clearance in treated HCV-infected and HCV/HIV-1-coinfected patients with hemophilia	Hepatology	Shire, N. J.; Horn, P. S.; Rouster, S. D.; Stanford, S.; Eyster, M. E.; Sherman, K. E.	N<10
19645620	Health-related beliefs and decisions about accessing HIV medical care among HIV-infected persons who are not receiving care	AIDS Patient Care STDS	Beer, L.; Fagan, J. L.; Valverde, E.; Bertolli, J.	N<10
24592920	Healthcare provider perspectives on barriers to HIV-care access and utilisation among Latinos living with HIV in the US-Mexico border	Cult Health Sex	Servin, A. E.; Munoz, F. A.; Zuniga, M. L.	N<10
24277743	Hepatitis C therapy with interferon-alpha and ribavirin reduces CD4 T-cell-associated HIV-1 DNA in HIV-1/hepatitis C virus-coinfected patients	J Infect Dis	Sun, H.; Buzon, M. J.; Shaw, A.; Berg, R. K.; Yu, X. G.; Ferrando-Martinez, S.; Leal, M.; Ruiz-Mateos, E.; Lichterfeld, M.	N<10
15744337	High incidence of Kaposi sarcoma-associated herpesvirus infection in HIV-related solid immunoblastic/plasmablastic diffuse large B-cell lymphoma	Leukemia	Deloose, S. T.; Smit, L. A.; Pals, F. T.; Kersten, M. J.; van Noesel, C. J.; Pals, S. T.	N<10
22269705	Human immunodeficiency virus infection as a prognostic factor in surgical patients with non-small cell lung cancer	Ann Thorac Surg	Hooker, C. M.; Meguid, R. A.; Hulbert, A.; Taylor, J. T.; Shin, J.; Wrangle, J.; Rodgers, K.; Lee, B.; Laskshmanan, S.; Brown, T.; Meneshian, A.; Sussman, M.; Keruly, J.; Moore, R. D.; Yang, S. C.; Brock, M. V.	N<10
18202423	Human immunodeficiency virus-associated squamous cell cancer of the anus: epidemiology and outcomes in the highly active antiretroviral therapy era	J Clin Oncol	Chiao, E. Y.; Giordano, T. P.; Richardson, P.; El-Serag, H. B.	N<10
25114140	Impact of lopinavir-ritonavir or nevirapine on bedaquiline exposures and potential implications for patients with tuberculosis-HIV coinfection	Antimicrob Agents Chemother	Svensson, E. M.; Dooley, K. E.; Karlsson, M. O.	N<10
20177974	Improved HIV and substance abuse treatment outcomes for released HIV-infected prisoners: the impact of buprenorphine treatment	J Urban Health	Springer, S. A.; Chen, S.; Altice, F. L.	N<10
22235243	Influence of IL28B polymorphisms on response to a lower-than-standard dose peg-IFN-alpha 2a for	PLoS One	Lopez-Cortes, L. F.; Ruiz-Valderas, R.; Jimenez-Jimenez, L.; Gonzalez-Escribano, M.	N<10

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	genotype 3 chronic hepatitis C in HIV-coinfected patients		F.; Torres-Cornejo, A.; Mata, R.; Rivero, A.; Pineda, J. A.; Marquez-Solero, M.; Viciano, P.	
15665633	Integration of motivational interviewing and cognitive behavioral therapy to improve HIV medication adherence and reduce substance use among HIV-positive men and women: results of a pilot project	AIDS Patient Care STDS	Parsons, J. T.; Rosof, E.; Punzalan, J. C.; Di Maria, L.	N<10
23713756	Internet-based video-group delivery of Healthy Relationships--a 'prevention with positives' intervention: report on a single group pilot test among women living with HIV	AIDS Care	Marhefka, S. L.; Iziduh, S.; Fuhrmann, H. J.; Lopez, B.; Glueckauf, R.; Lynn, V.; Baldwin, J.	N<10
19952286	Lack of fluoroquinolone resistance in non-typhoidal salmonella bacteremia in HIV-infected patients in an urban US setting	J Int Assoc Physicians AIDS Care (Chic)	Forrest, G. N.; Wagner, L. A.; Talwani, R.; Gilliam, B. L.	N<10
21046470	Linking HIV-positive jail inmates to treatment, care, and social services after release: results from a qualitative assessment of the COMPASS Program	J Urban Health	Nunn, A.; Cornwall, A.; Fu, J.; Bazerman, L.; Loewenthal, H.; Beckwith, C.	N<10
17105512	Lipid abnormalities in HIV/hepatitis C virus-coinfected patients	HIV Med	Bedimo, R.; Ghurani, R.; Nsuami, M.; Turner, D.; Kvanli, M. B.; Brown, G.; Margolis, D.	N<10
25038306	Long-term effects of an intensive intervention in HIV-infected patients with moderate-high atherosclerotic cardiovascular risk	J Antimicrob Chemother	Masia, M.; Bernal, E.; Robledano, C.; Padilla, S.; Lopez, N.; Martinez, E.; Gutierrez, F.	N<10
20538187	Long-term safety of NGX-4010, a high-concentration capsaicin patch, in patients with peripheral neuropathic pain	J Pain Symptom Manage	Simpson, D. M.; Gazda, S.; Brown, S.; Webster, L. R.; Lu, S. P.; Tobias, J. K.; Vanhove, G. F.	N<10
21424854	Longitudinal evaluation of occult hepatitis B infection in HIV-1 infected individuals during highly active antiretroviral treatment interruption and after HAART resumption	Infection	Bagaglio, S.; Bianchi, G.; Danise, A.; Porrino, L.; Uberti-Foppa, C.; Lazzarin, A.; Castagna, A.; Morsica, G.	N<10
18678242	Mindfulness meditation training effects on CD4+ T lymphocytes in HIV-1 infected adults: a small randomized controlled trial	Brain Behav Immun	Creswell, J. D.; Myers, H. F.; Cole, S. W.; Irwin, M. R.	N<10
23475640	Mixed-methods evaluation of a telehealth collaborative care program for persons with HIV infection in a rural setting	J Gen Intern Med	Ohl, M.; Dillon, D.; Moeckli, J.; Ono, S.; Waterbury, N.; Sissel, J.; Yin, J.; Neil, B.; Wakefield, B.; Kaboli, P.	N<10
20036267	Neurocognitive correlates of alexithymia in asymptomatic individuals with HIV	Neuropsychologia	Bogdanova, Y.; Diaz-Santos, M.; Cronin-Golomb, A.	N<10
23098696	Open-label, randomized, parallel-group controlled clinical trial of massage for treatment of depression in	J Altern Complement	Poland, R. E.; Gertsik, L.; Favreau, J. T.; Smith, S. I.; Mirocha, J. M.; Rao, U.; Daar, E. S.	N<10

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	HIV-infected subjects	Med		
18815979	Participants' perspectives on cognitive-behavioral therapy for adherence and depression in HIV	Psychother Res	Berg, C.; Raminani, S.; Greer, J.; Harwood, M.; Safren, S.	N<10
24517539	Patient navigation facilitates medical and social services engagement among HIV-infected individuals leaving jail and returning to the community	AIDS Patient Care STDS	Koester, K. A.; Morewitz, M.; Pearson, C.; Weeks, J.; Packard, R.; Estes, M.; Tulsy, J.; Kang-Dufour, M. S.; Myers, J. J.	N<10
104599419. Language:	Patterns of Treatment Use and Barriers to Care Among Hospitalized Adults with HIV	Journal of HIV/AIDS & Social Services	Cavaleri, Mary A.; Elwyn, Laura; Pilgrim, Alicene; London, Karyn; Indyk, Debbie; Jackson, Jerrold; McKay, Mary M.	N<10
21050372	Perceived Internet health literacy of HIV-positive people through the provision of a computer and Internet health education intervention	Health Info Libr J	Robinson, C.; Graham, J.	N<10
16436132	Pilot study of interferon-alpha-ribavirin-interleukin-2 for treatment of nonresponder patients with severe liver disease infected by hepatitis C virus genotype 1	J Viral Hepat	Alric, L.; Thebault, S.; Peron, J. M.; Balard, P.; Metivier, S.; Pipy, B.; Izopet, J.; Vinel, J. P.	N<10
19887287	Positive self-management program for women living with HIV: a descriptive analysis	J Assoc Nurses AIDS Care	Webel, A. R.; Holzemer, W. L.	N<10
21350364	Predictors of survival after a diagnosis of non-Hodgkin lymphoma in a resource-limited setting: a retrospective study on the impact of HIV infection and its treatment	J Acquir Immune Defic Syndr	Bateganya, M. H.; Stanaway, J.; Brentlinger, P. E.; Magaret, A. S.; Wald, A.; Orem, J.; Casper, C.	N<10
25711332	Prevalence of and risk factors for low bone mineral density in untreated HIV infection: a substudy of the INSIGHT Strategic Timing of AntiRetroviral Treatment (START) trial	HIV Med	Carr, A.; Grund, B.; Neuhaus, J.; Schwartz, A.; Bernardino, J. I.; White, D.; Badel-Faesens, S.; Avihingsanon, A.; Ensrud, K.; Hoy, J.	N<10
16128897	Prevalence of conditions associated with human immunodeficiency and hepatitis virus infections among persons with haemophilia, 2001-2003	Haemophilia	Goedert, J. J.	N<10
15994147	Prognostic factors and outcome of human herpesvirus 8-associated primary effusion lymphoma in patients with AIDS	J Clin Oncol	Boulanger, E.; Gerard, L.; Gabarre, J.; Molina, J. M.; Rapp, C.; Abino, J. F.; Cadranet, J.; Chevret, S.; Oksenhendler, E.	N<10
19178592	Prolonged use of tenofovir in HIV/hepatitis B virus (HBV)-coinfected individuals does not lead to HBV polymerase mutations and is associated with persistence of lamivudine HBV polymerase mutations	HIV Med	Audsley, J.; Arrifin, N.; Yuen, L. K.; Ayres, A.; Crowe, S. M.; Bartholomeusz, A.; Locarnini, S. A.; Mijch, A.; Lewin, S. R.; Sasadeusz, J.	N<10
18243645	Prospective memory in HIV infection: is 'remembering to remember' a unique predictor of self-reported medication management?	Arch Clin Neuropsychol	Woods, S. P.; Moran, L. M.; Carey, C. L.; Dawson, M. S.; Iudicello, J. E.; Gibson, S.; Grant, I.; Atkinson, J. H.	N<10
16231263	Randomized study of the safety and efficacy of fish oil	Clin Infect Dis	Wohl, D. A.; Tien, H. C.; Busby, M.;	N<10

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	(omega-3 fatty acid) supplementation with dietary and exercise counseling for the treatment of antiretroviral therapy-associated hypertriglyceridemia		Cunningham, C.; Macintosh, B.; Napravnik, S.; Danan, E.; Donovan, K.; Hossenipour, M.; Simpson, R. J., Jr.	
25331266	Reliability and validity of daily self-monitoring by smartphone application for health-related quality-of-life, antiretroviral adherence, substance use, and sexual behaviors among people living with HIV	AIDS Behav	Swendeman, D.; Comulada, W. S.; Ramanathan, N.; Lazar, M.; Estrin, D.	N<10
21518940	Risk of heart failure with human immunodeficiency virus in the absence of prior diagnosis of coronary heart disease	Arch Intern Med	Butt, A. A.; Chang, C. C.; Kuller, L.; Goetz, M. B.; Leaf, D.; Rimland, D.; Gibert, C. L.; Oursler, K. K.; Rodriguez-Barradas, M. C.; Lim, J.; Kazis, L. E.; Gottlieb, S.; Justice, A. C.; Freiberg, M. S.	N<10
23181946	Risky decision-making in HIV-associated neurocognitive disorders (HAND)	Clin Neuropsychol	Iudicello, J. E.; Woods, S. P.; Cattie, J. E.; Doyle, K.; Grant, I.	N<10
17621464	Safety and tolerability of sequential pegylated IFN-alpha2a and tenofovir for hepatitis B infection in HIV(+) individuals	HIV Clin Trials	Johnson, R. M.; Ristig, M. B.; Overton, E. T.; Lisker-Melman, M.; Cummings, O. W.; Aberg, J. A.	N<10
15963183	Self-care strategies for depressive symptoms in people with HIV disease	J Adv Nurs	Eller, L. S.; Corless, I.; Bunch, E. H.; Kempainen, J.; Holzemer, W.; Nokes, K.; Portillo, C.; Nicholas, P.	N<10
21909266	Significant effects of antiretroviral therapy on global gene expression in brain tissues of patients with HIV-1-associated neurocognitive disorders	PLoS Pathog	Borjabad, A.; Morgello, S.; Chao, W.; Kim, S. Y.; Brooks, A. I.; Murray, J.; Potash, M. J.; Volsky, D. J.	N<10
24968746	Sleeve gastrectomy is a safe and efficient procedure in HIV patients with morbid obesity: a case series with results in weight loss, comorbidity evolution, CD4 count, and viral load	Obes Surg	Fysekidis, M.; Cohen, R.; Bekheit, M.; Chebib, J.; Boussairi, A.; Bihan, H.; Khuong, M. A.; Finkielstejn, L.; Mendoza, G.; Abgrall, S.; Conde, D.; Catheline, J. M.	N<10
18688212	Smoked medicinal cannabis for neuropathic pain in HIV: a randomized, crossover clinical trial	Neuropsychoparmacology	Ellis, R. J.; Topperoff, W.; Vaida, F.; van den Brande, G.; Gonzales, J.; Gouaux, B.; Bentley, H.; Atkinson, J. H.	N<10
15647105	Substituting abacavir for hyperlipidemia-associated protease inhibitors in HAART regimens improves fasting lipid profiles, maintains virologic suppression, and simplifies treatment	BMC Infect Dis	Keiser, P. H.; Sension, M. G.; DeJesus, E.; Rodriguez, A.; Olliffe, J. F.; Williams, V. C.; Wakeford, J. H.; Snidow, J. W.; Shachoy-Clark, A. D.; Fleming, J. W.; Pakes, G. E.; Hernandez, J. E.	N<10
21165783	Successful cognitive aging in persons living with HIV infection	J Neurovirol	Malaspina, L.; Woods, S. P.; Moore, D. J.; Depp, C.; Letendre, S. L.; Jeste, D.; Grant, I.	N<10
17597712	The effect of lopinavir/ritonavir on the renal clearance of tenofovir in HIV-infected patients	Clin Pharmacol Ther	Kiser, J. J.; Carten, M. L.; Aquilante, C. L.; Anderson, P. L.; Wolfe, P.; King, T. M.;	N<10

PubMed ID	Title	Journal	Authors	Reason for exclusion
			Delahunty, T.; Bushman, L. R.; Fletcher, C. V.	
19318998	The impact of integrated HIV care on patient health outcomes	Med Care	Hoang, T.; Goetz, M. B.; Yano, E. M.; Rossman, B.; Anaya, H. D.; Knapp, H.; Korthuis, P. T.; Henry, R.; Bowman, C.; Gifford, A.; Asch, S. M.	N<10
24809827	Visual function assessment in simulated real-life situations in HIV-infected subjects	PLoS One	Barteselli, G.; Chhablani, J.; Gomez, M. L.; Doede, A. L.; Dustin, L.; Kozak, I.; Bartsch, D. U.; Azen, S. P.; Letendre, S. L.; Freeman, W. R.	N<10
25290556	Effect of a smartphone application incorporating personalized health-related imagery on adherence to antiretroviral therapy: a randomized clinical trial	AIDS Patient Care STDS	Perera, A. I.; Thomas, M. G.; Moore, J. O.; Faasse, K.; Petrie, K. J.	N<10
25229298	Ventriculoperitoneal shunts for treating increased intracranial pressure in cryptococcal meningitis with or without ventriculomegaly	Rev Soc Bras Med Trop	Corti, M.; Priarone, M.; Negroni, R.; Gilardi, L.; Castrelo, J.; Arechayala, A. I.; Messina, F.; Franze, O.	N<10
22428809	HealthCall: technology-based extension of motivational interviewing to reduce non-injection drug use in HIV primary care patients - a pilot study	AIDS Care	Aharonovich, E.; Greenstein, E.; O'Leary, A.; Johnston, B.; Seol, S. G.; Hasin, D. S.	N<10
19521118	Clinical presentation and outcome of colorectal cancer in HIV-positive patients: a clinical case-control study	Onkologie	Berretta, M.; Cappellani, A.; Di Benedetto, F.; Lleshi, A.; Talamini, R.; Canzonieri, V.; Zanet, E.; Bearz, A.; Nasti, G.; Lacchin, T.; Berretta, S.; Fisichella, R.; Balestreri, L.; Torresin, A.; Izzi, I.; Ortolani, P.; Tirelli, U.	N<10
20959530	Exercise training augments the peripheral insulin-sensitizing effects of pioglitazone in HIV-infected adults with insulin resistance and central adiposity	Am J Physiol Endocrinol Metab	Yarasheski, K. E.; Cade, W. T.; Overton, E. T.; Mondy, K. E.; Hubert, S.; Laciny, E.; Bopp, C.; Lassa-Claxton, S.; Reeds, D. N.	N<10
16870714	Influence of increased CD4 cell counts on the genetic variability of hepatitis C virus in patients co-infected with human immunodeficiency virus 1	J Biomol Tech	Wang, X. P.; Goodwin, L.; Kahn, P.; Gawel, C.; Cunha, C. B.; Laser, B.; Sahn, B.; Kaplan, M. H.	N<10
19444662	MOMS: formative evaluation and subsequent intervention for mothers living with HIV	AIDS Care	Davies, S. L.; Horton, T. V.; Williams, A. G.; Martin, M. Y.; Stewart, K. E.	N<10
24134855	The feasibility, acceptance, and key features of a prevention-focused oral health education program for HIV+ adults	AIDS Care	Vernon, L. T.; Demko, C. A.; Webel, A. R.; Mizumoto, R. M.	N<10
2010-07598-001	The innocence of my country: An older Puerto Rican woman living with AIDS	Journal of Loss and Trauma	Carrion, Iraida V.	N<10
16908229	Substance abuse, medications, HIV, and the community	Nurs Clin North Am	Vaughn, A.	N<10
16113597	Deep subcutaneous application of poly-L-lactic acid as	Skin	Borelli, C.; Kunte, C.; Weisenseel, P.; Thoma-	N<10



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	a filler for facial lipoatrophy in HIV-infected patients	Pharmacol Physiol	Greber, E.; Korting, H. C.; Konz, B.	
17632936	HIV-TB: a perfect storm	AIDS Read	Yoon, C. J.	N<10
18288976	Coronary artery bypass graft in HIV-infected patients: a multicenter case control study	Curr HIV Res	Boccarda, F.; Cohen, A.; Di Angelantonio, E.; Meuleman, C.; Ederhy, S.; Dufaitre, G.; Odi, G.; Teiger, E.; Barbarini, G.; Barbaro, G.	N<10
19430096	Effect of antiviral treatment on serum markers of liver fibrosis in HIV-hepatitis C virus-coinfected patients: the Fibrovic 2 Study - ANRS HC02	Antivir Ther	Halfon, P.; Carrat, F.; Bedossa, P.; Lambert, J.; Penaranda, G.; Perronne, C.; Pol, S.; Cacoub, P.	N<10
20163347	In patients with HIV-infection, chromium supplementation improves insulin resistance and other metabolic abnormalities: a randomized, double-blind, placebo controlled trial	Curr HIV Res	Aghdassi, E.; Arendt, B. M.; Salit, I. E.; Mohammed, S. S.; Jalali, P.; Bondar, H.; Allard, J. P.	N<10
22443402	Understanding and addressing stigma and attachment insecurity in HIV-positive women who experience intimate partner violence: a model of medical and psychosocial care	Soc Work Health Care	Davis, K. B.	N<10
22591357	Minority HIV patients' perceptions of barriers and facilitators to participation in clinical research	Curr HIV Res	Wolak, C.; Bass, S. B.; Tedaldi, E.; Vandenburg-Wolf, M.; Rohrer, C.	N<10
22849960	A pilot, prospective, open-label simplification study to evaluate the safety, efficacy, and pharmacokinetics of once-daily lopinavir-ritonavir monotherapy in HIV-HCV coinfecting patients: the MONOCO study	HIV Clin Trials	Cooper, C.; la Porte, C.; Tossonian, H.; Sampalis, J.; Ackad, N.; Conway, B.	N<10
25143025	Citalopram for the prevention of depression and its consequences in HIV-hepatitis C coinfecting individuals initiating pegylated interferon/ribavirin therapy: a multicenter randomized double-blind placebo-controlled trial	HIV Clin Trials	Klein, M. B.; Lee, T.; Brouillette, M. J.; Sheehan, N. L.; Walmsley, S.; Wong, D. K.; Conway, B.; Hull, M.; Cooper, C.; Haidar, S.; Vezina, S.; Annable, L.; Young, S.; Zubyk, W.; Singer, J.	N<10
25615004	Influence of treatment complexity on adherence and incidence of blips in HIV/HCV coinfecting patients	J Manag Care Spec Pharm	Calvo-Cidoncha, E.; Gonzalez-Bueno, J.; Almeida-Gonzalez, C. V.; Morillo-Verdugo, R.	N<10
103956000. Language:	Colorectal Cancer Screening at the Nexus of HIV, Minority Statuses, and Cultural Safety	American Journal of Health Education	Ka'opua, Lana Sue I.; Diaz, Tressa P.; Park, Soon H.; Bowen, Talita; Patrick, Kevin; Tamang, Suresh; Braun, Kathryn L.	N<10
17956830	Evolution of genotypic resistance algorithms and their impact on the interpretation of clinical trials: an OPTIMA trial substudy	HIV Clin Trials	Desai, S.; Kyriakides, T.; Holodniy, M.; Al-Salman, J.; Griffith, B.; Kozal, M.	N<10
104390477. Language:	A qualitative study of HIV serodiscordant patients accessing assisted reproductive treatment	Journal of Reproductive &	Peak, Suellen A.; Nowoweiski, Sarah J.; Giles, Michelle L.	N<10

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		Infant Psychology		
106274411. Language:	Empowerment: the evolving nature of the relationship between HIV/AIDS patients and their physicians	Journal of HIV/AIDS & Social Services	Reeves, P. M.; Arnold, T. G.	N<10
106251434. Language:	Exploring care access issues for Mexican-origin Latinos living with HIV in the San Diego/Tijuana border region	Journal of HIV/AIDS & Social Services	Zuniga, M. L.; Organista, K. C.; Scolari, R.; Olshefsky, A. M.; Schulhof, R.; ColÃ³n, M.	N<10
105613440. Language:	HIV/AIDS education in Harlem, New York: needs and recommendations	Journal of HIV/AIDS & Social Services	Beckerman, N. L.; Auerbach, C.	N<10
25867783	Smartphone self-monitoring to support self-management among people living with HIV: perceived benefits and theory of change from a mixed-methods randomized pilot study	J Acquir Immune Defic Syndr	Swendeman, D.; Ramanathan, N.; Baetscher, L.; Medich, M.; Scheffler, A.; Comulada, W. S.; Estrin, D.	N<10
105330907. Language:	Supporting family stability: case studies in custody planning with HIV-affected families	Journal of HIV/AIDS & Social Services	Mason, S.; Vazquez, D.	N<10
79124260	The Co-Occurrence of Mental Illness and High HIV Risk in a Sample of African American MSM: Findings and Implications	Journal of HIV/AIDS & Social Services	Loue, Sana; Daugherty-Brownrigg, Brittany; Heaphy, Emily; Mendez, Nancy; Sajatovic, Martha	N<10
16504957	Treatment of condylomata acuminata with pegylated interferon alfa-2b in HIV-infected patients	Eur J Med Res	Brockmeyer, N. H.; Poffhoff, A.; Bader, A.; Hochdorfer, B.; Schlottmann, R.; Rasokat, H.; Altmeyer, P.; Kreuter, A.	N<10
104451610. Language:	Evaluation of Human Immunodeficiency Virus and Hepatitis C Telemedicine Clinics	American Journal of Managed Care	Saifu, Hemen N.; Asch, Steven M.; Goetz, Matthew Bidwell; Smith, Jason P.; Graber, Christopher J.; Schaberg, Dennis; Sun, Benjamin C.	N<10
51901565	A Qualitative Study of Providers' Perception of Adherence of Women Living with HIV/AIDS in Puerto Rico	Qualitative Report	Rivero-Mendez, Marta; Dawson-Rose, Carol S.; SolÃ³s-BÃ¡jerez, Solymar S.	N<10
16831783	A low-cost, sustainable intervention for drinking reduction in the HIV primary care setting	AIDS Care	Aharonovich, E.; Hatzenbuehler, M. L.; Johnston, B.; O'Leary, A.; Morgenstern, J.; Wainberg, M. L.; Yao, P.; Helzer, J. E.; Hasin, D. S.	N<10
16971295	A randomized controlled psycho-education intervention trial: Improving psychological readiness for successful HIV medication adherence and reducing depression before initiating HAART	AIDS Care	Balfour, L.; Kowal, J.; Silverman, A.; Tasca, G. A.; Angel, J. B.; Macpherson, P. A.; Garber, G.; Cooper, C. L.; Cameron, D. W.	N<10

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17064331	Health promotion for women with human immunodeficiency virus or acquired immunodeficiency syndrome	Journal of the American Academy of Nurse Practitioners	Abel, E.; Hopson, L.; Delville, C.	N<10
17482212	The HIV Dementia Scale: predictive power in mild dementia and HAART	J Neurol Sci	Bottiggi, K. A.; Chang, J. J.; Schmitt, F. A.; Avison, M. J.; Mootoor, Y.; Nath, A.; Berger, J. R.	N<10
16048887	The politics of invisibility: homophobia and low-income HIV-positive women who have sex with women	J Homosex	Arend, E. D.	N<10
20530469	A dedicated screening program for geriatric HIV-infected patients integrating HIV and geriatric care	J Int Assoc Physicians AIDS Care (Chic)	Ruiz, M.; Cefalu, C.; Ogbuokiri, J.	N<10
22425919	A phase I trial of the HIV protease inhibitor nelfinavir with concurrent chemoradiotherapy for unresectable stage IIIA/IIIB non-small cell lung cancer: a report of toxicities and clinical response	J Thorac Oncol	Rengan, R.; Mick, R.; Pryma, D.; Rosen, M. A.; Lin, L. L.; Maity, A. M.; Evans, T. L.; Stevenson, J. P.; Langer, C. J.; Kucharczuk, J.; Friedberg, J.; Prendergast, S.; Sharkoski, T.; Hahn, S. M.	N<10
22732025	A pilot study of delivering peer health messages in an HIV clinic via mobile media	Telemed J E Health	Winstead-Derlega, C.; Rafaly, M.; Delgado, S.; Freeman, J.; Cutitta, K.; Miles, T.; Ingersoll, K.; Dillingham, R.	N<10
25064217	A retrospective analysis of ten symptomatic multiple myeloma patients with HIV infection: a potential therapeutic effect of HAART in multiple myeloma	Leuk Res	Li, G.; Lewis, R. D.; Mishra, N.; Axiotis, C. A.	N<10
15899316	Adherence, stereotyping and unequal HIV treatment for active users of illegal drugs	Soc Sci Med	Ware, N. C.; Wyatt, M. A.; Tugenberg, T.	N<10
18191766	African American women's experience of infection with HIV in the rural southeastern United States	J Assoc Nurses AIDS Care	Mallory, C.	N<10
25149413	Aging with HIV: a model of disability	J Int Assoc Provid AIDS Care	Solomon, P.; O'Brien, K.; Wilkins, S.; Gervais, N.	N<10
15598977	Angiogenesis inhibitor IM862 is ineffective against AIDS-Kaposi's sarcoma in a phase III trial, but demonstrates sustained, potent effect of highly active antiretroviral therapy: from the AIDS Malignancy Consortium and IM862 Study Team	J Clin Oncol	Noy, A.; Scadden, D. T.; Lee, J.; Dezube, B. J.; Aboulafia, D.; Tulpule, A.; Walmsley, S.; Gill, P.	N<10
22820791	Arterial inflammation in patients with HIV	Jama	Subramanian, S.; Tawakol, A.; Burdo, T. H.; Abbara, S.; Wei, J.; Vijayakumar, J.; Corsini, E.;	N<10

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			Abdelbaky, A.; Zanni, M. V.; Hoffmann, U.; Williams, K. C.; Lo, J.; Grinspoon, S. K.	
21323566	Assessing the effectiveness of pharmacy-based adherence interventions on antiretroviral adherence in persons with HIV	AIDS Patient Care STDS	Henderson, K. C.; Hindman, J.; Johnson, S. C.; Valuck, R. J.; Kiser, J. J.	N<10
21113849	Barriers to HIV care: an exploration of the complexities that influence engagement in and utilization of treatment	Soc Work Health Care	Cavaleri, M. A.; Kalogerogiannis, K.; McKay, M. M.; Vitale, L.; Levi, E.; Jones, S.; Wallach, F.; Flynn, E.	N<10
23363655	Birthplace, culture, self-esteem, and intimate partner violence among community-dwelling Hispanic women	Violence Against Women	Gonzalez-Guarda, R. M.; Vermeesch, A. L.; Florum-Smith, A. L.; McCabe, B. E.; Peragallo, N. P.	N<10
22938914	Brief versus extended counseling along with buprenorphine/naloxone for HIV-infected opioid dependent patients	J Subst Abuse Treat	Tetrault, J. M.; Moore, B. A.; Barry, D. T.; O'Connor, P. G.; Schottenfeld, R.; Fiellin, D. A.; Fiellin, L. E.	N<10
23018443	Cerebral beta-amyloid deposition predicts HIV-associated neurocognitive disorders in APOE epsilon4 carriers	Aids	Soontornniyomkij, V.; Moore, D. J.; Gouaux, B.; Soontornniyomkij, B.; Tatro, E. T.; Umlauf, A.; Masliah, E.; Levine, A. J.; Singer, E. J.; Vinters, H. V.; Gelman, B. B.; Morgello, S.; Cherner, M.; Grant, I.; Achim, C. L.	N<10
22614889	Cerebrospinal fluid HIV escape associated with progressive neurologic dysfunction in patients on antiretroviral therapy with well controlled plasma viral load	Aids	Peluso, M. J.; Ferretti, F.; Peterson, J.; Lee, E.; Fuchs, D.; Boschini, A.; Gisslen, M.; Angoff, N.; Price, R. W.; Cinque, P.; Spudich, S.	N<10
25466320	Characteristics and outcomes of HIV-1-infected patients with acute respiratory distress syndrome	J Crit Care	Nirappil, F. J.; Maheshwari, A.; Andrews, J.; Martin, G. S.; Esper, A. M.; Cribbs, S. K.	N<10
21710235	Characteristics of colorectal cancer in the human immunodeficiency virus-infected African American population	Med Oncol	Kumar, A.; Shah, N.; Modi, Y.; Shaaban, H. S.; DePasquale, J.; DeBari, V. A.; Yerrabothala, S.; Maroules, M.; Guron, G. K.	N<10
22995189	Characterization of anti-HIV-1 neutralizing and binding antibodies in chronic HIV-1 subtype C infection	Virology	Archary, D.; Rong, R.; Gordon, M. L.; Boliar, S.; Madiga, M.; Gray, E. S.; Dugast, A. S.; Hermanus, T.; Goulder, P. J.; Coovadia, H. M.; Werner, L.; Morris, L.; Alter, G.; Derdeyn, C. A.; Ndung'u, T.	N<10
20386424	Clearance of hepatitis C virus RNA from serum in HIV/hepatitis C virus coinfection indicates eradication from peripheral blood mononuclear cells	Aids	Page, E. E.; Cox, A.; Atkins, M.; Nelson, M. R.	N<10
23848504	Clinical outcome and predictors of survival in patients with pneumocystis jirovecii pneumonia--results of a tertiary referral centre	Clin Respir J	Roembke, F.; Heinzow, H. S.; Gosseling, T.; Heinecke, A.; Domagk, D.; Domschke, W.; Meister, T.	N<10

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18607714	Cognitive adaptability as a moderator of expressive writing effects in an HIV sample	AIDS Behav	Wagner, L. J.; Hilker, K. A.; Hepworth, J. T.; Wallston, K. A.	N<10
19744801	Concurrent chemoradiotherapy with 5-fluorouracil and mitomycin C for invasive anal carcinoma in human immunodeficiency virus-positive patients receiving highly active antiretroviral therapy	Int J Radiat Oncol Biol Phys	Fraunholz, I.; Weiss, C.; Eberlein, K.; Haberl, A.; Rodel, C.	N<10
21762990	Conjunctival squamous cell carcinoma arising in immunosuppressed patients (organ transplant, human immunodeficiency virus infection)	Ophthalmology	Shields, C. L.; Ramasubramanian, A.; Mellen, P. L.; Shields, J. A.	N<10
23922644	Cortisol patterns are associated with T cell activation in HIV	PLoS One	Patterson, S.; Moran, P.; Epel, E.; Sinclair, E.; Kemeny, M. E.; Deeks, S. G.; Bacchetti, P.; Acree, M.; Epling, L.; Kirschbaum, C.; Hecht, F. M.	N<10
21488192	Cryptococcal meningitis in patients with or without human immunodeficiency virus: experience in a tertiary hospital	Yonsei Med J	Lee, S. J.; Choi, H. K.; Son, J.; Kim, K. H.; Lee, S. H.	N<10
15768348	Delivering care to injection drug users coinfectd with HIV and hepatitis C virus	Clin Infect Dis	Taylor, L. E.	N<10
22242700	Developing a modified directly observed therapy intervention for hepatitis C treatment in a methadone maintenance program: implications for program replication	Am J Drug Alcohol Abuse	Bruce, R. D.; Eiserman, J.; Acosta, A.; Gote, C.; Lim, J. K.; Altice, F. L.	N<10
23230862	Developing PeerLink to engage out-of-care HIV+ substance users: training peers to deliver a peer-led motivational intervention with fidelity	AIDS Care	Wolfe, H.; Haller, D. L.; Benoit, E.; Bolger, K. W.; Cancienne, J. C.; Ingersoll, K. S.; Sharp, V.	N<10
19538046	Development of an electronic medical record-based clinical decision support tool to improve HIV symptom management	AIDS Patient Care STDS	Nader, C. M.; Tsevat, J.; Justice, A. C.; Mrus, J. M.; Levin, F.; Kozal, M. J.; Mattocks, K.; Farber, S.; Rogers, M.; Erdos, J.; Brandt, C.; Kudel, I.; Braithwaite, R.	N<10
22823125	Differential effect of alcoholism and HIV infection on visuomotor procedural learning and retention	Alcohol Clin Exp Res	Fama, R.; Rosenbloom, M. J.; Sassoon, S. A.; Pfefferbaum, A.; Sullivan, E. V.	N<10
23007110	Directly administered antiretroviral therapy: pilot study of a structural intervention in methadone maintenance	J Subst Abuse Treat	Sorensen, J. L.; Haug, N. A.; Larios, S.; Gruber, V. A.; Tulsy, J.; Powelson, E.; Logan, D. P.; Shapiro, B.	N<10
22720766	Directly observed antidepressant medication treatment and HIV outcomes among homeless and marginally housed HIV-positive adults: a randomized controlled trial	Am J Public Health	Tsai, A. C.; Karasic, D. H.; Hammer, G. P.; Charlebois, E. D.; Ragland, K.; Moss, A. R.; Sorensen, J. L.; Dilley, J. W.; Bangsberg, D. R.	N<10
104235575.	Does Effective Depression Treatment Alone Reduce	AIDS &	Tsai, Alexander; Mimiaga, Matthew; Dilley,	N<10

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Language:	Secondary HIV Transmission Risk? Equivocal Findings from a Randomized Controlled Trial	Behavior	James; Hammer, Gwendolyn; Karasic, Dan; Charlebois, Edwin; Sorensen, James; Safren, Steven; Bangsberg, David	
26512601	Dynamic of Mixed HCV Infection in Plasma and PBMC of HIV/HCV Patients Under Treatment With Peg-IFN/Ribavirin	Medicine (Baltimore)	Bagaglio, S.	N<10
22431997	Dynamics of adrenal steroids are related to variations in Th1 and Treg populations during Mycobacterium tuberculosis infection in HIV positive persons	PLoS One	Quiroga, M. F.; Angerami, M. T.; Santucci, N.; Ameri, D.; Francos, J. L.; Wallach, J.; Sued, O.; Cahn, P.; Salomon, H.; Bottasso, O.	N<10
23944194	Effect of armodafinil on cognition in patients with HIV/AIDS and fatigue	J Clin Exp Neuropsychol	McElhiney, M.; Rabkin, J.; Van Gorp, W.; Rabkin, R.	N<10
18275348	Effect of low-dose IL-2 immunotherapy on frequency and phenotype of regulatory T cells and NK cells in HIV/HCV-coinfected patients	AIDS Res Hum Retroviruses	Velilla, P. A.; Shata, M. T.; Lages, C. S.; Ying, J.; Fichtenbaum, C. J.; Chougnet, C.	N<10
22606304	Effect of standard tuberculosis treatment on plasma cytokine levels in patients with active pulmonary tuberculosis	PLoS One	Riou, C.; Perez Peixoto, B.; Roberts, L.; Ronacher, K.; Walzl, G.; Manca, C.; Rustomjee, R.; Mthiyane, T.; Fallows, D.; Gray, C. M.; Kaplan, G.	N<10
16283835	Effects of a treatment adherence enhancement program on health literacy, patient-provider relationships, and adherence to HAART among low-income HIV-positive Spanish-speaking Latinos	AIDS Patient Care STDS	van Servellen, G.; Nyamathi, A.; Carpio, F.; Pearce, D.; Garcia-Teague, L.; Herrera, G.; Lombardi, E.	N<10
16979511	Effects of ice massage on neuropathic pain in persons with AIDS	J Assoc Nurses AIDS Care	Ownby, K. K.	N<10
21180864	Effects of physical exercise in the perception of life satisfaction and immunological function in HIV-infected patients: Non-randomized clinical trial	Rev Bras Fisioter	Gomes, R. D.; Borges, J. P.; Lima, D. B.; Farinatti, P. T.	N<10
18753861	Efficacy and safety of entecavir for chronic HBV in HIV/HBV coinfecting patients receiving lamivudine as part of antiretroviral therapy	Aids	Pessoa, M. G.; Gazzard, B.; Huang, A. K.; Brandao-Mello, C. E.; Cassetti, I.; Mendes-Correa, M. C.; Soriano, V.; Phiri, P.; Hall, A.; Brett-Smith, H.	N<10
25469527	Elvitegravir/cobicistat/emtricitabine/tenofovir DF in HIV-infected patients with mild-to-moderate renal impairment	J Acquir Immune Defic Syndr	Post, F. A.; Winston, J.; Andrade-Villanueva, J. F.; Fisher, M.; Liu, Y.; Beraud, C.; Abram, M. E.; Graham, H.; Rhee, M. S.; Cheng, A. K.; Szwarcberg, J.	N<10
17393948	Enrollment of racial/ethnic minorities and women with HIV in clinical research studies of HIV medicines	J Natl Med Assoc	Sullivan, P. S.; McNaghten, A. D.; Begley, E.; Hutchinson, A.; Cargill, V. A.	N<10
104245666.	Evaluation of an HIV Prevention Intervention Designed	AIDS &	Sapiano, Tobey; Moore, A.; Kalayil, E.; Zhang,	N<10

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Language:	for African American Women: Results from the SISTA Community-Based Organization Behavioral Outcomes Project	Behavior	X.; Chen, B.; Uhl, G.; Patel-Larson, A.; Williams, W.	
22440043	Examining barriers to care: provider and client perspectives on the stigmatization of HIV-positive Asian Americans with and without viral hepatitis co-infection	AIDS Care	Russ, L. W.; Meyer, A. C.; Takahashi, L. M.; Ou, S.; Tran, J.; Cruz, P.; Magalong, M.; Candelario, J.	N<10
23428205	Factors contributing to dropping out from and returning to HIV treatment in an inner city primary care HIV clinic in the United States	AIDS Care	Pecoraro, A.; Royer-Malvestuto, C.; Rosenwasser, B.; Moore, K.; Howell, A.; Ma, M.; Woody, G. E.	N<10
19929229	Factors that influence an HIV coinfecting patient's decision to start hepatitis C treatment	AIDS Patient Care STDS	Osilla, K. C.; Ryan, G.; Bhatti, L.; Goetz, M.; Witt, M.; Wagner, G.	N<10
21328144	Feasibility of telephone-based cognitive behavioral therapy targeting major depression among urban dwelling African-American people with co-occurring HIV	Psychol Health Med	Himelhoch, S.; Mohr, D.; Maxfield, J.; Clayton, S.; Weber, E.; Medoff, D.; Dixon, L.	N<10
18229435	Frequency, severity and duration of immune reconstitution events in HIV-related tuberculosis	Int J Tuberc Lung Dis	Burman, W.; Weis, S.; Vernon, A.; Khan, A.; Benator, D.; Jones, B.; Silva, C.; King, B.; LaHart, C.; Mangura, B.; Weiner, M.; El-Sadr, W.	N<10
24249700	GBV-C viremia and clinical events in advanced HIV infection	J Med Virol	Sahni, H.; Kirkwood, K.; Kyriakides, T. C.; Stapleton, J.; Brown, S. T.; Holodniy, M.	N<10
21257738	Genetic variation in IL28B and treatment-induced clearance of hepatitis C virus in HIV-positive patients with acute and chronic hepatitis C	J Infect Dis	Nattermann, J.; Vogel, M.; Nischalke, H. D.; Danta, M.; Mauss, S.; Stellbrink, H. J.; Baumgarten, A.; Mayr, C.; Bruno, R.; Tural, C.; Klausen, G.; Clotet, B.; Naumann, U.; Lutz, T.; Rausch, M.; Schewe, K.; Bienek, B.; Haerter, G.; Sauerbruch, T.; Rockstroh, J. K.; Spengler, U.	N<10
25354736	Health Literacy in HIV Treatment: Accurate Understanding of Key Biological Treatment Principles is Not Required for Good ART Adherence	AIDS & Behavior	Laws, M.; Danielewicz, Michael; Rana, Aadia; Kogelman, Laura; Wilson, Ira	N<10
19295332	Health-related quality of life in a randomized trial of antiretroviral therapy for advanced HIV disease	J Acquir Immune Defic Syndr	Joyce, V. R.; Barnett, P. G.; Bayoumi, A. M.; Griffin, S. C.; Kyriakides, T. C.; Yu, W.; Sundaram, V.; Holodniy, M.; Brown, S. T.; Cameron, W.; Youle, M.; Sculpher, M.; Anis, A. H.; Owens, D. K.	N<10
19560693	Heart transplantation in human immunodeficiency virus-positive patients	J Heart Lung Transplant	Uriel, N.; Jorde, U. P.; Cotarlan, V.; Colombo, P. C.; Farr, M.; Restaino, S. W.; Lietz, K.; Naka,	N<10

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			Y.; Deng, M. C.; Mancini, D.	
15710216	Hepatitis C virus viral recurrence and liver mitochondrial damage after liver transplantation in HIV-HCV co-infected patients	J Hepatol	Duclos-Vallee, J. C.; Vittecoq, D.; Teicher, E.; Feray, C.; Roque-Afonso, A. M.; Lombes, A.; Jardel, C.; Gigou, M.; Dussaix, E.; Sebagh, M.; Guettier, C.; Azoulay, D.; Adam, R.; Ichai, P.; Saliba, F.; Roche, B.; Castaing, D.; Bismuth, H.; Samuel, D.	N<10
18293136	HIV patient insight on adhering to medication: a qualitative analysis	AIDS Care	Beusterien, K. M.; Davis, E. A.; Flood, R.; Howard, K.; Jordan, J.	N<10
104385173. Language:	HIV Status Does Not Influence Outcome in Patients With Classical Hodgkin Lymphoma Treated With Chemotherapy Using Doxorubicin, Bleomycin, Vinblastine, and Dacarbazine in the Highly Active Antiretroviral Therapy Era	Journal of Clinical Oncology	Montoto, S.; Shaw, K.; Okosun, J.; Gandhi, S.; Fields, P.; Wilson, A.; Shanyinde, M.; Cwynarski, K.; Marcus, R.; de Vos, J.; Young, A. M.; Tenant-Flowers, M.; Orkin, C.; Johnson, M.; Chilton, D.; Gribben, J. G.; Bower, M.	N<10
105796379. Language:	HIV-specific differences in outcome of squamous cell carcinoma of the anal canal: a multicentric cohort study of HIV-positive patients receiving highly active antiretroviral therapy	Journal of Clinical Oncology	Oehler-J��nne, C.; Huguet, F.; Provencher, S.; Seifert, B.; Negretti, L.; Riener, M.; Bonet, M.; Allal, A. S.; Ciernik, I. F.	N<10
2011-02382-009	I'm not going to die from the AIDS': Resilience in aging with HIV disease	The Gerontologist	Emlet, Charles A.; Tozay, Shakima; Raveis, Victoria H.	N<10
25831464	Immune Reconstitution in Severely Immunosuppressed Antiretroviral-Naive HIV-1-Infected Patients Starting Efavirenz, Lopinavir-Ritonavir, or Atazanavir-Ritonavir Plus Tenofovir/Emtricitabine: Final 48-Week Results (The Advanz-3 Trial)	J Acquir Immune Defic Syndr	Miro, J. M.; Manzardo, C.; Ferrer, E.; Lonca, M.; Guardo, A. C.; Podzamczar, D.; Domingo, P.; Curran, A.; Clotet, B.; Cruceta, A.; Lozano, F.; Perez, I.; Plana, M.; Gatell, J. M.	N<10
17342655	Impact of hepatitis D virus infection on the long-term outcomes of patients with hepatitis B virus and HIV coinfection in the era of highly active antiretroviral therapy: a matched cohort study	Clin Infect Dis	Sheng, W. H.; Hung, C. C.; Kao, J. H.; Chang, S. Y.; Chen, M. Y.; Hsieh, S. M.; Chen, P. J.; Chang, S. C.	N<10
25377444	Impact of minocycline on cerebrospinal fluid markers of oxidative stress, neuronal injury, and inflammation in HIV-seropositive individuals with cognitive impairment	J Neurovirol	Sacktor, N.; Miyahara, S.; Evans, S.; Schifitto, G.; Cohen, B.; Haughey, N.; Drewes, J. L.; Graham, D.; Zink, M. C.; Anderson, C.; Nath, A.; Pardo, C. A.; McCarthy, S.; Hosey, L.; Clifford, D.	N<10
16269552	Impact of tenofovir-containing antiretroviral therapy on chronic hepatitis B in a cohort co-infected with human immunodeficiency virus	J Antimicrob Chemother	Stephan, C.; Berger, A.; Carlebach, A.; Lutz, T.; Bickel, M.; Klauke, S.; Staszewski, S.; Stuermer, M.	N<10
19458009	Impaired quality of the hepatitis B virus (HBV)-specific T-cell response in human immunodeficiency virus type	J Virol	Chang, J. J.; Sirivichayakul, S.; Avihingsanon, A.; Thompson, A. J.; Revill, P.; Iser, D.; Slavin,	N<10



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	1-HBV coinfection		J.; Buranapraditkun, S.; Marks, P.; Matthews, G.; Cooper, D. A.; Kent, S. J.; Cameron, P. U.; Sasadeusz, J.; Desmond, P.; Locarnini, S.; Dore, G. J.; Ruxrungtham, K.; Lewin, S. R.	
21778341	Improved outcome with rituximab in patients with HIV-associated multicentric Castleman disease	Blood	Hoffmann, C.; Schmid, H.; Muller, M.; Teutsch, C.; van Lunzen, J.; Esser, S.; Wolf, T.; Wyen, C.; Sabranski, M.; Horst, H. A.; Reuter, S.; Vogel, M.; Jager, H.; Bogner, J.; Arasteh, K.	N<10
16940448	Improved triglycerides and insulin sensitivity with 3 months of acipimox in human immunodeficiency virus-infected patients with hypertriglyceridemia	J Clin Endocrinol Metab	Hadigan, C.; Liebau, J.; Torriani, M.; Andersen, R.; Grinspoon, S.	N<10
25125679	Improvement in bone mineral density after switching from tenofovir to abacavir in HIV-1-infected patients with low bone mineral density: two-centre randomized pilot study (OsteoTDF study)	J Antimicrob Chemother	Negredo, E.; Domingo, P.; Perez-Alvarez, N.; Gutierrez, M.; Mateo, G.; Puig, J.; Escrig, R.; Echeverria, P.; Bonjoch, A.; Clotet, B.	N<10
20693936	Improving partner services by embedding disease intervention specialists in HIV-clinics	Sex Transm Dis	Taylor, M. M.; Mickey, T.; Winscott, M.; James, H.; Kenney, K.; England, B.	N<10
22234543	Increased cortical expression of FK506 binding protein-51 in HIV-associated neurocognitive disorders	J Neurovirol	Soontornniyomkij, V.; Everall, I. P.; Moore, D. J.; Gouaux, B.; Tatro, E. T.; Gospodarev, V.; Masliah, E.; Yin, N. S.; Vinters, H. V.; Achim, C. L.	N<10
23523090	Individual and neighborhood correlates of membership in drug using networks with a higher prevalence of HIV in New York City (2006-2009)	Ann Epidemiol	Rudolph, A. E.; Crawford, N. D.; Latkin, C.; Fowler, J. H.; Fuller, C. M.	N<10
106253556. Language:	Individual variability in barriers affecting people's decision to take HAART: a qualitative study identifying barriers to being on HAART	AIDS Patient Care & STDs	Alfonso, V.; Bermbach, N.; Geller, J.; Montaner, J. S. G.	N<10
15741629	Infections of the spine in patients with human immunodeficiency virus	J Bone Joint Surg Am	Weinstein, M. A.; Eismont, F. J.	N<10
23299761	Intensive lifestyle modification reduces Lp-PLA2 in dyslipidemic HIV/HAART patients	Med Sci Sports Exerc	Wooten, J. S.; Nambi, P.; Gillard, B. K.; Pownall, H. J.; Coraza, I.; Scott, L. W.; Nambi, V.; Ballantyne, C. M.; Balasubramanyam, A.	N<10
18097222	Intrahepatic mRNA expression in hepatitis C virus and HIV/hepatitis C virus co-infection: infiltrating cells, cytokines, and influence of HAART	Aids	Kuntzen, T.; Tural, C.; Li, B.; Feldmann, G.; Kupfer, B.; Nischalke, H. D.; Clotet, B.; Sauerbruch, T.; Rockstroh, J. K.; Spengler, U.	N<10
18066626	Invasive anal squamous-cell carcinoma in the HIV-positive patient: outcome in the era of highly active antiretroviral therapy	Dis Colon Rectum	Wexler, A.; Berson, A. M.; Goldstone, S. E.; Waltzman, R.; Penzer, J.; Maisonet, O. G.; McDermott, B.; Rescigno, J.	N<10
18614926	Lipid and apoprotein profile in HIV-1-infected patients	J Acquir	Seoane, E.; Resino, S.; Micheloud, D.; Moreno,	N<10

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	after CD4-guided treatment interruption	Immune Defic Syndr	A.; de Quiros, J. C.; Lorente, R.; Rubio, R.; Gonzalez, J.; Pulido, F.; Arribas, J. R.; Moreno, S.; Munoz-Fernandez, M.	
104130331. Language:	Listening to Those Who are Living With HIV and Tobacco Dependence and Exploring Their Health Care Context	JANAC: Journal of the Association of Nurses in AIDS Care	Schultz, Annette S. H.; Temple, Beverley; Gibbons, Caitlan; Preston, Jocelyn; Ronson, Gillian	N<10
16954730	Lithium improves HIV-associated neurocognitive impairment	Aids	Letendre, S. L.; Woods, S. P.; Ellis, R. J.; Atkinson, J. H.; Masliah, E.; van den Brande, G.; Durelle, J.; Grant, I.; Everall, I.	N<10
19306230	Lithium therapy for human immunodeficiency virus type 1-associated neurocognitive impairment	J Neurovirol	Schifitto, G.; Zhong, J.; Gill, D.; Peterson, D. R.; Gaugh, M. D.; Zhu, T.; Tivarus, M.; Cruttenden, K.; Maggirwar, S. B.; Gendelman, H. E.; Dewhurst, S.; Gelbard, H. A.	N<10
22268972	Living with HIV: responses to a mantram intervention using the critical incident research method	J Altern Complement Med	Kemppainen, J.; Bormann, J. E.; Shively, M.; Kelly, A.; Becker, S.; Bone, P.; Belding, W.; Gifford, A. L.	N<10
23276804	Long-term effectiveness of infrared coagulation for the treatment of anal intraepithelial neoplasia grades 2 and 3 in HIV-infected men and women	Aids	Sirera, G.; Videla, S.; Pinol, M.; Coll, J.; Garcia-Cuyas, F.; Vela, S.; Canadas, M.; Darwich, L.; Perez, N.; Gel, S.; Cobarsi, P.; Clotet, B.	N<10
20024700	Long-term efficacy and safety of polyalkylimide gel for the treatment of HIV-associated lipoatrophy	AIDS Care	Antoniou, T.; Raboud, J. M.; Kovacs, C.; Diong, C.; Brunetta, J.; Smith, G.; Halpenny, R.; Beninger, F.; Loutfy, M. R.	N<10
16682476	Lymphatic tissue fibrosis is associated with reduced numbers of naive CD4+ T cells in human immunodeficiency virus type 1 infection	Clin Vaccine Immunol	Schacker, T. W.; Brenchley, J. M.; Beilman, G. J.; Reilly, C.; Pambuccian, S. E.; Taylor, J.; Skarda, D.; Larson, M.; Douek, D. C.; Haase, A. T.	N<10
25101888	Modulation of HCV replication after combination antiretroviral therapy in HCV/HIV co-infected patients	Sci Transl Med	Sherman, K. E.; Guedj, J.; Shata, M. T.; Blackard, J. T.; Rouster, S. D.; Castro, M.; Feinberg, J.; Sterling, R. K.; Goodman, Z.; Aronow, B. J.; Perelson, A. S.	N<10
17852960	Narrative slope as a predictor of work and other occupational participation	Scand J Occup Ther	Levin, M.; Kielhofner, G.; Braveman, B.; Fogg, L.	N<10
23221125	Navigating hazardous conditions: understanding HIV medication adherence in the context of depression	Qual Health Res	Wendorf, A. R.; Mosack, K. E.	N<10
22020160	No reduction of HCV viral load in HIV patients co-infected with HCV genotype 1 during a 30 days course of nitazoxanide monotherapy	Antiviral Res	Laufer, N.; Abusamra, L.; Bolcic, F.; Gun, A.; Rolon, M. J.; Perez, H.; Krolewiecki, A.; Salomon, H.; Quarleri, J.; Cahn, P.	N<10

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18665246	Not all missed doses are the same: sustained NNRTI treatment interruptions predict HIV rebound at low-to-moderate adherence levels	PLoS One	Parienti, J. J.; Das-Douglas, M.; Massari, V.; Guzman, D.; Deeks, S. G.; Verdon, R.; Bangsberg, D. R.	N<10
20024707	Older African Americans' management of HIV/AIDS stigma	AIDS Care	Foster, P. P.; Gaskins, S. W.	N<10
109824737. Language:	Open Trial of an Acceptance-Based Behavior Therapy Intervention to Engage Newly Diagnosed HIV Patients in Care	Behavior Modification	Moitra, Ethan; Chan, Philip A.; Stein, Michael D.	N<10
23076663	Outcome of HCV genotype 1 treatment in HIV-coinfected patients with chronic kidney disease	J Int Assoc Provid AIDS Care	Oppenheimer, A. P.; Johnson, J.; Nunez, M.	N<10
17893602	Outcomes after orthotopic liver transplantation in 15 HIV-infected patients	Transplantation	Schreibman, I.; Gaynor, J. J.; Jayaweera, D.; Pysopoulos, N.; Wepler, D.; Tzakis, A.; Schiff, E. R.; Regev, A.	N<10
23683515	Outcomes of total hip arthroplasty in human immunodeficiency virus-positive patients	J Arthroplasty	Snir, N.; Wolfson, T. S.; Schwarzkopf, R.; Swensen, S.; Alvarado, C. M.; Hamula, M.; Dayan, A. J.	N<10
16829361	Palliative home nursing interventions for people with HIV/AIDS: a pilot study	J Assoc Nurses AIDS Care	Robinson, L.; Dugger, K.; Fong, G.; Heintzman, T.; Hnizdo, S.; Libby, J.; McDaniels, J.; Miles, J.; Rempel, H.; Taylor, A.; Warshaw, M.	N<10
22547879	Patient perspectives on improving oral health-care practices among people living with HIV/AIDS	Public Health Rep	Rajabiun, S.; Fox, J. E.; McCluskey, A.; Guevara, E.; Verdecias, N.; Jeanty, Y.; DeMayo, M.; Mofidi, M.	N<10
105279405. Language:	Patients' perspectives on informal caregiver involvement in HIV health care appointments	AIDS Patient Care & STDs	Mosack, K. E.; Petroll, A.	N<10
18389361	Patterns and correlates of sexual activity and condom use behavior in persons 50-plus years of age living with HIV/AIDS	AIDS Behav	Lovejoy, T. I.; Heckman, T. G.; Sikkema, K. J.; Hansen, N. B.; Kochman, A.; Suhr, J. A.; Garske, J. P.; Johnson, C. J.	N<10
17804348	Peer support to promote medication adherence among people living with HIV/AIDS: the benefits to peers	Soc Work Health Care	Marino, P.; Simoni, J. M.; Silverstein, L. B.	N<10
21877204	Performances on the CogState and standard neuropsychological batteries among HIV patients without dementia	AIDS Behav	Overton, E. T.; Kauwe, J. S.; Paul, R.; Tashima, K.; Tate, D. F.; Patel, P.; Carpenter, C. C.; Patty, D.; Brooks, J. T.; Clifford, D. B.	N<10
18716509	PET/CT in the evaluation of lymphoma in patients with HIV-1 with suppressed viral loads	Clin Nucl Med	Goshen, E.; Davidson, T.; Avigdor, A.; Zwas, T. S.; Levy, I.	N<10
18224669	Phase 1/2 trial of BMS-275291 in patients with human immunodeficiency virus-related Kaposi sarcoma: a multicenter trial of the AIDS Malignancy Consortium	Cancer	Brinker, B. T.; Krown, S. E.; Lee, J. Y.; Ceserman, E.; Chadburn, A.; Kaplan, L. D.; Henry, D. H.; Von Roenn, J. H.	N<10
22430271	Phase II study of bevacizumab in patients with HIV-	J Clin Oncol	Uldrick, T. S.; Wyvill, K. M.; Kumar, P.;	N<10

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	associated Kaposi's sarcoma receiving antiretroviral therapy		O'Mahony, D.; Bernstein, W.; Aleman, K.; Polizzotto, M. N.; Steinberg, S. M.; Pittaluga, S.; Marshall, V.; Whitby, D.; Little, R. F.; Yarchoan, R.	
104152064. Language:	Pilot Controlled Trial of the Adherence Readiness Program: An Intervention to Assess and Sustain HIV Antiretroviral Adherence Readiness	AIDS & Behavior	Wagner, Glenn; Lovely, Paul; Schneider, Stefan	N<10
21207228	Pilot study evaluating the interaction between paclitaxel and protease inhibitors in patients with human immunodeficiency virus-associated Kaposi's sarcoma: an Eastern Cooperative Oncology Group (ECOG) and AIDS Malignancy Consortium (AMC) trial	Cancer Chemother Pharmacol	Cianfrocca, M.; Lee, S.; Von Roenn, J.; Rudek, M. A.; Dezube, B. J.; Krown, S. E.; Sparano, J. A.	N<10
25190222	Positive Transitions (POST): Evaluation of an HIV Prevention Intervention for HIV-Positive Persons Releasing from Correctional Facilities	AIDS & Behavior	MacGowan, Robin; Lifshay, Julie; Mizuno, Yuko; Johnson, Wayne; McCormick, Lyle; Zack, Barry	N<10
16284455	Presence of JC virus-specific CTL in the cerebrospinal fluid of PML patients: rationale for immune-based therapeutic strategies	Aids	Du Pasquier, R. A.; Autissier, P.; Zheng, Y.; Jean-Jacques, J.; Koralnik, I. J.	N<10
21553252	Prevention needs of HIV-positive men and women awaiting release from prison	AIDS Behav	Catz, S. L.; Thibodeau, L.; BlueSpruce, J.; Yard, S. S.; Seal, D. W.; Amico, K. R.; Bogart, L. M.; Mahoney, C.; Balderson, B. H.; Sosman, J. M.	N<10
24493824	Prognostic value of vitamin D level for all-cause mortality, and association with inflammatory markers, in HIV-infected persons	J Infect Dis	Shepherd, L.; Souberbielle, J. C.; Bastard, J. P.; Fellahi, S.; Capeau, J.; Reekie, J.; Reiss, P.; Blaxhult, A.; Bickel, M.; Leen, C.; Kirk, O.; Lundgren, J. D.; Mocroft, A.; Viard, J. P.	N<10
23078780	Programming of neurotoxic cofactor CXCL-10 in HIV-1-associated dementia: abrogation of CXCL-10-induced neuro-glial toxicity in vitro by PKC activator	J Neuroinflammation	Mehla, R.; Bivalkar-Mehla, S.; Nagarkatti, M.; Chauhan, A.	N<10
18191771	Promoting adaptive coping by persons with HIV disease: evaluation of a patient/partner intervention model	J Assoc Nurses AIDS Care	Fife, B. L.; Scott, L. L.; Fineberg, N. S.; Zwickl, B. E.	N<10
18506613	Psychosocial correlates of unprotected sex without disclosure of HIV-positivity among African-American, Latino, and White men who have sex with men and women	Arch Sex Behav	Mutchler, M. G.; Bogart, L. M.; Elliott, M. N.; McKay, T.; Suttorp, M. J.; Schuster, M. A.	N<10
104648307. Language:	Qualitative Assessment of Barriers and Facilitators to HIV Treatment	JANAC: Journal of the Association of	Williams, Bryman; Amico, K. Rivet; Konkle-Parker, Deborah	N<10

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		Nurses in AIDS Care		
22246828	Quantitation of hepatitis C virus RNA in peripheral blood mononuclear cells in HCV-monoinfection and HIV/HCV-coinfection	J Med Virol	Chary, A.; Winters, M. A.; Eisen, R.; Knight, T. H.; Asmuth, D. M.; Holodniy, M.	N<10
23532713	Radiation therapy for Benign Lymphoepithelial Cysts of parotid glands in HIV patients	Laryngoscope	Mourad, W. F.; Hu, K. S.; Shourbaji, R. A.; Lin, W.; Harrison, L. B.	N<10
18269597	Radiotherapy of classic and human immunodeficiency virus-related Kaposi's sarcoma: results in 1482 lesions	J Eur Acad Dermatol Venereol	Caccialanza, M.; Marca, S.; Piccinno, R.; Eulisse, G.	N<10
16549833	Randomized phase II trial of matrix metalloproteinase inhibitor COL-3 in AIDS-related Kaposi's sarcoma: an AIDS Malignancy Consortium Study	J Clin Oncol	Dezube, B. J.; Krown, S. E.; Lee, J. Y.; Bauer, K. S.; Aboulafia, D. M.	N<10
24352352	Randomized trial of central nervous system-targeted antiretrovirals for HIV-associated neurocognitive disorder	Clin Infect Dis	Ellis, R. J.; Letendre, S.; Vaida, F.; Haubrich, R.; Heaton, R. K.; Sacktor, N.; Clifford, D. B.; Best, B. M.; May, S.; Umlauf, A.; Cherner, M.; Sanders, C.; Ballard, C.; Simpson, D. M.; Jay, C.; McCutchan, J. A.	N<10
20564162	Randomized trial of paclitaxel versus pegylated liposomal doxorubicin for advanced human immunodeficiency virus-associated Kaposi sarcoma: evidence of symptom palliation from chemotherapy	Cancer	Cianfrocca, M.; Lee, S.; Von Roenn, J.; Tulpule, A.; Dezube, B. J.; Aboulafia, D. M.; Ambinder, R. F.; Lee, J. Y.; Krown, S. E.; Sparano, J. A.	N<10
17493483	Relation of subepicardial adipose tissue to carotid intima-media thickness in patients with human immunodeficiency virus	Am J Cardiol	Iacobellis, G.; Pellicelli, A. M.; Sharma, A. M.; Grisorio, B.; Barbarini, G.; Barbaro, G.	N<10
22223822	Rituximab decreases the risk of lymphoma in patients with HIV-associated multicentric Castleman disease	Blood	Gerard, L.; Michot, J. M.; Burcheri, S.; Fieschi, C.; Longuet, P.; Delcey, V.; Meignin, V.; Agbalika, F.; Chevret, S.; Oksenhendler, E.; Galicier, L.	N<10
25784439	Role of intestinal myofibroblasts in HIV-associated intestinal collagen deposition and immune reconstitution following combination antiretroviral therapy	Aids	Asmuth, D. M.	N<10
23032420	Safety and efficacy of topical cidofovir to treat high-grade perianal and vulvar intraepithelial neoplasia in HIV-positive men and women	Aids	Stier, E. A.; Goldstone, S. E.; Einstein, M. H.; Jay, N.; Berry, J. M.; Wilkin, T.; Lee, J. Y.; Darragh, T. M.; Da Costa, M.; Panther, L.; Aboulafia, D.; Palefsky, J. M.	N<10
23075918	Safety, tolerability, and pharmacokinetics of the HIV integrase inhibitor dolutegravir given twice daily with	J Acquir Immune Defic	Dooley, K. E.; Sayre, P.; Borland, J.; Purdy, E.; Chen, S.; Song, I.; Peppercorn, A.; Everts, S.;	N<10

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	rifampin or once daily with rifabutin: results of a phase 1 study among healthy subjects	Syndr	Piscitelli, S.; Flexner, C.	
22022854	Seeking information about HIV/AIDS: a qualitative study of health literacy among people living with HIV/AIDS in a low prevalence context	AIDS Care	Zukoski, A. P.; Thorburn, S.; Stroud, J.	N<10
19890073	Selegiline and oxidative stress in HIV-associated cognitive impairment	Neurology	Schifitto, G.; Yiannoutsos, C. T.; Ernst, T.; Navia, B. A.; Nath, A.; Sacktor, N.; Anderson, C.; Marra, C. M.; Clifford, D. B.	N<10
19387421	Sexually transmitted infections among patients with acute HIV in North Carolina	Sex Transm Dis	McCoy, S. I.; Eron, J. J.; Kuruc, J. D.; Strauss, R. P.; Macdonald, P. D.; Fiscus, S. A.; Barnhart, J.; Pilcher, C. D.; Leone, P. A.; Miller, W. C.	N<10
24988179	Short communication: effects of omega-3 fatty acids on triglycerides and high-density lipoprotein subprofiles in HIV-infected persons with hypertriglyceridemia	AIDS Res Hum Retroviruses	Paranandi, A.; Asztalos, B. F.; Mangili, A.; Kuvin, J.; Gerrior, J.; Sheehan, H.; Skinner, S. C.; Tang, A. M.; Wanke, C. A.	N<10
24946792	Short communication: serum-based assay accurately detects single nucleotide polymorphisms of IL28B and SOCS3 in HIV/hepatitis C virus-coinfected subjects	AIDS Res Hum Retroviruses	Shaffer, A.; Hubbard, J. J.; Townsend, K.; Kottlil, S.; Polis, M. A.; Masur, H.; Kohli, A.	N<10
24707838	Short communication: spectrum of non-Hodgkin lymphoma in an urban Ryan White-funded clinic in the established antiretroviral era	AIDS Res Hum Retroviruses	Silverton, A.; Gunthel, C.; Adamski, M.; Mosunjac, M.; Nguyen, M. L.	N<10
22648891	Short-course intravenous aciclovir treatment for cutaneous herpes zoster in patients with HIV infection	Int J STD AIDS	Noonan, L.; Gunson, T.; Ellis-Pegler, R.; Thomas, M.; Briggs, S.	N<10
20216298	Short-term effects of extended-release niacin on endothelial function in HIV-infected patients on stable antiretroviral therapy	Aids	Chow, D. C.; Stein, J. H.; Seto, T. B.; Mitchell, C.; Sriratanaviriyakul, N.; Grandinetti, A.; Gerschenson, M.; Shiramizu, B.; Souza, S.; Shikuma, C.	N<10
16122775	Simian virus 40 tumor antigen expression and immunophenotypic profile of AIDS-related non-Hodgkin's lymphoma	Virology	Vilchez, R. A.; Lopez-Terrada, D.; Middleton, J. R.; Finch, C. J.; Killen, D. E.; Zanwar, P.; Jorgensen, J. L.; Butel, J. S.	N<10
105985338. Language:	Supporting Positive Living and Sexual Health (SPLASH): A Clinician and Behavioral Counselor Risk-Reduction Intervention in a University-Based HIV Clinic	AIDS & Behavior	ZÃ±iga, M.; Baldwin, H.; Uhler, D.; Brennan, J.; Olshefsky, A.; Oliver, E.; Mathews, W.	N<10
104268692. Language:	Taking a Half Day at a Time:' Patient Perspectives and the HIV Engagement in Care Continuum	AIDS Patient Care & STDs	Christopoulos, Katerina A.; Massey, Amina D.; Lopez, Andrea M.; Geng, Elvin H.; Johnson, Mallory O.; Pilcher, Christopher D.; Fielding, Hegla; Dawson-Rose, Carol	N<10

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22103666	The effects of a harm reduction housing program on the viral loads of homeless individuals living with HIV/AIDS	AIDS Care	Hawk, M.; Davis, D.	N<10
19012081	The effects of low literacy and cognitive impairment on medication adherence in HIV-positive injecting drug users	AIDS Care	Waldrop-Valverde, D.; Jones, D. L.; Weiss, S.; Kumar, M.; Metsch, L.	N<10
19397460	Therapeutic drug monitoring of antimycobacterial drugs in patients with both tuberculosis and advanced human immunodeficiency virus infection	Pharmacotherapy	Holland, D. P.; Hamilton, C. D.; Weintrob, A. C.; Engemann, J. J.; Fortenberry, E. R.; Peloquin, C. A.; Stout, J. E.	N<10
19898214	Therapeutic response to peg-IFN-alpha-2b and ribavirin in HIV/HCV co-infected African-American and Caucasian patients as a function of HCV viral kinetics and interferon pharmacodynamics	Aids	Rozenberg, L.; Haagmans, B. L.; Neumann, A. U.; Chen, G.; McLaughlin, M.; Levy-Drummer, R. S.; Masur, H.; Dewar, R. L.; Ferenci, P.; Silva, M.; Viola, M. S.; Polis, M. A.; Kottlilil, S.	N<10
25387314	Therapy with boceprevir or telaprevir in HIV/hepatitis C virus co-infected patients to treat recurrence of hepatitis C virus infection after liver transplantation	Aids	Antonini, T. M.; Furlan, V.; Teicher, E.; Haim-Boukobza, S.; Sebagh, M.; Coilly, A.; Bonhomme-Faivre, L.; Roque-Afonso, A. M.; Vittecoq, D.; Samuel, D.; Taburet, A. M.; Duclos-Vallee, J. C.	N<10
21622971	Treatment for hepatitis C virus with pegylated interferon-alpha plus ribavirin induces anti-atherogenic effects on cardiovascular risk biomarkers in HIV-infected and -uninfected patients	J Antimicrob Chemother	Masia, M.; Robledano, C.; Lopez, N.; Escolano, C.; Gutierrez, F.	N<10
15824988	Treatment of multidrug-resistant tuberculosis in San Francisco: an outpatient-based approach	Clin Infect Dis	Burgos, M.; Gonzalez, L. C.; Paz, E. A.; Gournis, E.; Kawamura, L. M.; Schecter, G.; Hopewell, P. C.; Daley, C. L.	N<10
19478647	Treatment of spondylodiscitis in human immunodeficiency virus-infected patients: a comparison of conservative and operative therapy	Spine (Phila Pa 1976)	Sobottke, R.; Zarghooni, K.; Krengel, M.; Delank, S.; Seifert, H.; Fatkenheuer, G.; Ernestus, I.; Kallicke, T.; Frangen, T.; Arasteh, K.; Oette, M.; Eysel, P.	N<10
19323617	Trimethoprim-sulfamethoxazole exposure alters ex vivo function of B lymphocytes isolated from human immunodeficiency virus-infected patients receiving Zidovudine	Pharmacotherapy	Venugopalan, V.; Thornton, A. C.; Steinke, D. T.; Rapp, R. P.; Romanelli, F.; Feola, D. J.	N<10
18163214	Tripling of methamphetamine/amphetamine use among homeless and marginally housed persons, 1996-2003	J Urban Health	Das-Douglas, M.; Colfax, G.; Moss, A. R.; Bangsberg, D. R.; Hahn, J. A.	N<10
21593619	Twice-weekly pegylated interferon-alpha-2a and ribavirin results in superior viral kinetics in HIV/hepatitis C virus co-infected patients compared to	Aids	Murphy, A. A.; Herrmann, E.; Osinusi, A. O.; Wu, L.; Sachau, W.; Lempicki, R. A.; Yang, J.; Chung, T. L.; Wood, B. J.; Haagmans, B. L.;	N<10

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	standard therapy		Kottlil, S.; Polis, M. A.	
103796328. Language:	Understanding Concerns About Treatment-as-Prevention Among People with HIV who are not Using Antiretroviral Therapy	AIDS & Behavior	Newman, C.; Wit, J.; Persson, A.; Holt, M.; Slavin, S.; Kidd, M.; Post, J.; Wright, E.; Mao, L.	N<10
24708752	Understanding HIV care delays in the US South and the role of the social-level in HIV care engagement/retention: a qualitative study	Int J Equity Health	Sprague, C.; Simon, S. E.	N<10
22612447	Understanding the behavioral determinants of retention in HIV care: a qualitative evaluation of a situated information, motivation, behavioral skills model of care initiation and maintenance	AIDS Patient Care STDS	Smith, L. R.; Fisher, J. D.; Cunningham, C. O.; Amico, K. R.	N<10
21986870	Urban farming: a non-traditional intervention for HIV-related distress	AIDS Behav	Shacham, E.; Donovan, M. F.; Connolly, S.; Mayrose, A.; Scheuermann, M.; Overton, E. T.	N<10
16829362	Becoming adherent: experiences of persons living with HIV/AIDS	J Assoc Nurses AIDS Care	Gray, J.	N<10
23663016	Clients' Perspectives of the Relationship of Vulnerability and Resilience in the Context of HIV Infection	Issues in Mental Health Nursing	De Santis, Joseph P.	N<10
18056946	Effects of pharmacists' interventions on patient outcomes in an HIV primary care clinic	Am J Health Syst Pharm	March, K.; Mak, M.; Louie, S. G.	N<10
104968744. Language:	Hepatitis C virus treatment rates and outcomes in HIV/hepatitis C virus co-infected individuals at an urban HIV clinic	European Journal of Gastroenterology & Hepatology	Murray, Melanie C. M.; Barrios, Rolando; Zhang, Wendy; Hull, Mark; Montessori, Valentina; Hogg, Robert S.; Montaner, Julio S. G.	N<10
23339916	Interferon gamma in patients with HIV/AIDS and suspicion or latent tuberculosis infection	Asian Pac J Trop Med	Garcia-Elorriaga, G.; Martinez-Velazquez, M.; Gaona-Flores, V.; del Rey-Pineda, G.; Gonzalez-Bonilla, C.	N<10
21692572	Living in silence: a grounded theory study of vulnerability in the context of HIV infection	Issues Ment Health Nurs	De Santis, J. P.; Barroso, S.	N<10
2010-01305-001	Precipitating circumstances of suicide among women of reproductive age in 16 U.S. states, 2003-2007	Journal of Women's Health	Ortega, LaVonne A. G.; Karch, Debra	N<10
17064995	Presentation and outcomes of systemic non-Hodgkin's lymphoma: a comparison between patients with acquired immunodeficiency syndrome (AIDS) treated with highly active antiretroviral therapy and patients without AIDS	Leuk Lymphoma	Diamond, C.; Taylor, T. H.; Im, T.; Anton-Culver, H.	N<10



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18661394	Treatment patterns and prognosis in patients with human immunodeficiency virus and primary central system lymphoma	Leuk Lymphoma	Kreisl, T. N.; Panageas, K. S.; Elkin, E. B.; Deangelis, L. M.; Abrey, L. E.	N<10
21732897	Acceptance-based behavior therapy to promote HIV medication adherence	AIDS Care	Moitra, E.; Herbert, J. D.; Forman, E. M.	N<10
26102447	Cost-Effectiveness of Collaborative Care for Depression in HIV Clinics	J Acquir Immune Defic Syndr	Painter, J. T.	N<10
25504449	Individualized texting for adherence building (iTAB): improving antiretroviral dose timing among HIV-infected persons with co-occurring bipolar disorder	AIDS Behav	Moore, D. J. and Poquette, A. and Casaletto, K. B.	N<10
21711215	Modified therapeutic community aftercare for clients triply diagnosed with HIV/AIDS and co-occurring mental and substance use disorders	AIDS Care	Sacks, S.; McKendrick, K.; Vazan, P.; Sacks, J. Y.; Cleland, C. M.	N<10
25529057	Technology use in linking criminal justice reentrants to HIV care in the community: a qualitative formative research study	J Health Commun	Peterson, J.; Cota, M.; Gray, H.; Bazerman, L.; Kuo, I.; Kurth, A.; Beckwith, C.	N<10
25480096	The impact of recent cocaine use on plasma levels of methadone and buprenorphine in patients with and without HIV-infection	J Subst Abuse Treat	Tetrault, J. M.	N<10
24817835	Access to HIV Care and Support Services for African American Transwomen Living with HIV	International Journal of Transgenderism	Wilson, Erin C.; Arayasirikul, Sean; Johnson, Kelly	N<10
105575973. Language:	Distinct mechanisms for mitochondrial DNA loss in T and B lymphocytes from HIV-infected patients exposed to nucleoside reverse-transcriptase inhibitors and those naive to antiretroviral treatment	Journal of Infectious Diseases	Maagaard, A.; Holberg-Petersen, M.; L��vg��rden, G.; Holm, M.; Pettersen, F. O.; Kvale, D.	N<10
16537287	Interpersonal issues surrounding HIV counseling and testing, and the phenomenon of 'testing by proxy'	J Health Commun	Morrill, A. C.; Noland, C.	N<10
20130244	The role of tumor histogenesis, FDG-PET, and short-course EPOCH with dose-dense rituximab (SC-EPOCH-RR) in HIV-associated diffuse large B-cell lymphoma	Blood	Dunleavy, K.; Little, R. F.; Pittaluga, S.; Grant, N.; Wayne, A. S.; Carrasquillo, J. A.; Steinberg, S. M.; Yarchoan, R.; Jaffe, E. S.; Wilson, W. H.	N<10
24840761	Clinician adherence to recommendations for screening of adolescents for sexual activity and sexually transmitted infection/human immunodeficiency virus	J Pediatr	Goyal, M. K.; Witt, R.; Hayes, K. L.; Zaoutis, T. E.; Gerber, J. S.	Not enrolling population of interest
23429891	Increased risk of sudden sensorineural hearing loss in patients with human immunodeficiency virus aged 18	JAMA Otolaryngol	Lin, C.; Lin, S. W.; Weng, S. F.; Lin, Y. S.	Not enrolling population of interest

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	to 35 years: a population-based cohort study	Head Neck Surg		
18723381	Hepatitis B vaccine: a seven-year study of adherence to the immunization guidelines and efficacy in HIV-1-positive adults	Int J Infect Dis	Bailey, C. L.; Smith, V.; Sands, M.	Not enrolling population of interest
18039996	A framework for tailoring clinical guidelines to comorbidity at the point of care	Arch Intern Med	Braithwaite, R. S.; Concato, J.; Chang, C. C.; Roberts, M. S.; Justice, A. C.	Not enrolling population of interest
16327098	Injection drug use among homeless adults in the Southeast with severe mental illness	J Health Care Poor Underserved	Linn, J. G.; Brown, M.; Kendrick, L.	Not enrolling population of interest
23568228	A randomized controlled trial examining the efficacy of motivational counseling with observed therapy for antiretroviral therapy adherence	AIDS Behav	Goggin, K.; Gerkovich, M. M.; Williams, K. B.; Banderas, J. W.; Catley, D.; Berkley-Patton, J.; Wagner, G. J.; Stanford, J.; Neville, S.; Kumar, V. K.; Bamberger, D. M.; Clough, L. A.	Not enrolling population of interest
106463271. Language:	The Caribbean/West Indies cultural competency program for Florida nurses: implications for HIV/AIDS prevention and treatment	Journal of Multicultural Nursing & Health (JMCNH)	Jones, S. G.	Not enrolling population of interest
21947780	Interest in, concerns about, and preferences for potential video-group delivery of an effective behavioral intervention among women living with HIV	AIDS Behav	Marhefka, S. L.; Fuhrmann, H. J.; Gilliam, P.; Lopez, B.; Baldwin, J.	Not enrolling population of interest
21197926	The use of the Zung Self-Rating Depression Scale to assist in the case management of patients living with HIV/AIDS	Care Manag J	Lombardi, D.; Mizuno, L. T.; Thornberry, A.	Not enrolling population of interest
2010-21826-032	Effects of stress on health in HIV/AIDS	The handbook of stress science: Biology, psychology, and health.	Perez, Giselle K.; Cruess, Dean G.; Kalichman, Seth C.	Not enrolling population of interest
103936553. Language:	Substance Abuse Treatment in Persons with HIV/AIDS: Challenges in Managing Triple Diagnosis	Behavioral Medicine	Durvasula, Ramani; Miller, Theodore R.	Not enrolling population of interest
22227844	A cost-effectiveness analysis of anal cancer screening in HIV-positive women	J Low Genit Tract Dis	Lazenby, G. B.; Unal, E. R.; Andrews, A. L.; Simpson, K.	Not enrolling population of interest
19561518	Improving outcomes in state AIDS drug assistance programs	J Acquir Immune Defic Syndr	Linas, B. P.; Losina, E.; Rockwell, A.; Walensky, R. P.; Cranston, K.; Freedberg, K. A.	Not enrolling population of interest
21182348	US cost effectiveness of darunavir/ritonavir 600/100	Pharmacoecon	Brogan, A.; Mauskopf, J.; Talbird, S. E.; Smets,	Not enrolling population of interest

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	mg bid in treatment-experienced, HIV-infected adults with evidence of protease inhibitor resistance included in the TITAN Trial	omics	E.	
25393748	Testing for human immunodeficiency virus among cancer survivors under age 65 in the United States	Prev Chronic Dis	Li, J.; Thompson, T. D.; Tai, E.; Zhao, G.; Oster, A. M.	Not enrolling population of interest
21771748	Pain, sleep disturbance and survival in hemodialysis patients	Nephrol Dial Transplant	Harris, T. J.; Nazir, R.; Khetpal, P.; Peterson, R. A.; Chava, P.; Patel, S. S.; Kimmel, P. L.	Not enrolling population of interest
20639562	Routine opt-out rapid HIV screening and detection of HIV infection in emergency department patients	Jama	Haukoos, J. S.; Hopkins, E.; Conroy, A. A.; Silverman, M.; Byyny, R. L.; Eisert, S.; Thrun, M. W.; Wilson, M. L.; Hutchinson, A. B.; Forsyth, J.; Johnson, S. C.; Heffelfinger, J. D.	Not enrolling population of interest
16963388	Promoting female condom use to heterosexual couples: findings from a randomized clinical trial	Perspect Sex Reprod Health	Witte, S. S.; El-Bassel, N.; Gilbert, L.; Wu, E.; Chang, M.; Hill, J.	Not enrolling population of interest
22623771	B-lymphocyte dysfunction in chronic HIV-1 infection does not prevent cross-clade neutralization breadth	J Virol	Boliar, S.; Murphy, M. K.; Tran, T. C.; Carnathan, D. G.; Armstrong, W. S.; Silvestri, G.; Derdeyn, C. A.	Not enrolling population of interest
20950406	HIV and HCV health beliefs in an inner-city community	J Viral Hepat	Krauskopf, K.; McGinn, T. G.; Federman, A. D.; Halm, E. A.; Leventhal, H.; McGinn, L. K.; Gardenier, D.; Oster, A.; Kronish, I. M.	Not enrolling population of interest
17855466	HIV risk reduction in a nurse case-managed TB and HIV intervention among homeless adults	J Health Psychol	Schumann, A.; Nyamathi, A.; Stein, J. A.	Not enrolling population of interest
24558098	Outcomes of a behavioral intervention to reduce HIV risk among drug-involved female sex workers	AIDS Behav	Surratt, H. L.; O'Grady, C.; Kurtz, S. P.; Levi-Minzi, M. A.; Chen, M.	Not enrolling population of interest
15890044	Supportive-affective group experience for persons with life-threatening illness: reducing spiritual, psychological, and death-related distress in dying patients	J Palliat Med	Miller, D. K.; Chibnall, J. T.; Videen, S. D.; Duckro, P. N.	Not enrolling population of interest
24138486	The impact of anticipated HIV stigma on delays in HIV testing behaviors: findings from a community-based sample of men who have sex with men and transgender women in New York City	AIDS Patient Care STDS	Golub, S. A.; Gamarel, K. E.	Not enrolling population of interest
104192425. Language:	A Comparison of Modified Directly Observed Therapy to Standard Care for Chronic Hepatitis C	Journal of Community Health	Cioe, Patricia; Stein, Michael; Promrat, Kittichai; Friedmann, Peter	Not enrolling population of interest
19046120	Impact of service delivery model on health care access among HIV-positive women in New York City	AIDS Patient Care STDS	Pillai, N. V.; Kupprat, S. A.; Halkitis, P. N.	Not enrolling population of interest
15765367	A peer-based substance abuse intervention for HIV+ rural women: a pilot study	Arch Psychiatr Nurs	Boyd, M. R.; Moneyham, L.; Murdaugh, C.; Phillips, K. D.; Tavakoli, A.; Jackwon, K.; Jackson, N.; Vyavaharkar, M.	Not enrolling population of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
22051219	Social network characteristics and heavy episodic drinking among women at risk for HIV/sexually transmitted infections	J Stud Alcohol Drugs	Davey-Rothwell, M. A.; Chander, G.; Hester, L.; Latkin, C. A.	Not enrolling population of interest
16488825	Self-esteem, emotional distress and sexual behavior among adolescent females: inter-relationships and temporal effects	J Adolesc Health	Ethier, K. A.; Kershaw, T. S.; Lewis, J. B.; Milan, S.; Niccolai, L. M.; Ickovics, J. R.	Not enrolling population of interest
19440109	Psychiatric diagnosis and antiretroviral adherence among adolescent Medicaid beneficiaries diagnosed with human immunodeficiency virus/acquired immunodeficiency syndrome	J Nerv Ment Dis	Walkup, J.; Akincigil, A.; Bilder, S.; Rosato, N. S.; Crystal, S.	Not enrolling population of interest
21937041	Comparison of a theory-based (AIDS Risk Reduction Model) cognitive behavioral intervention versus enhanced counseling for abused ethnic minority adolescent women on infection with sexually transmitted infection: results of a randomized controlled trial	Int J Nurs Stud	Champion, J. D.; Collins, J. L.	Not enrolling population of interest
2012-99080-598	Exploring secondary abstinence among African-American females at risk for HIV/STIs: A mixed-methods investigation		Bradley, Erin Lyndsay Paige	Not enrolling population of interest
25372391	HIV Treatment Adherence Measurement and Reporting Concordance in Youth with Perinatally Acquired HIV Infection and Their Caregivers	AIDS Patient Care & STDs	Evans, Shenell D.; Mellins, Claude Ann; Leu, Cheng-Shiun; Warne, Patricia; Elkington, Katherine S.; Dolezal, Curtis; Santamaria, E. Karina; Wiznia, Andrew; Bamji, Mahrukh; Jurgrau-Voulgari, Andrea S.; Abrams, Elaine J.	Not enrolling population of interest
24391801	Outcomes among HIV-1 infected individuals first starting antiretroviral therapy with concurrent active TB or other AIDS-defining disease	PLoS One	Perisse, A. R.; Smeaton, L.; Chen, Y.; La Rosa, A.; Walawander, A.; Nair, A.; Grinsztejn, B.; Santos, B.; Kanyama, C.; Hakim, J.; Nyirenda, M.; Kumarasamy, N.; Laloo, U. G.; Flanigan, T.; Campbell, T. B.; Hughes, M. D.	Not enrolling population of interest
15812609	Long-term effects of an HIV/STI sexual risk reduction intervention for heterosexual couples	AIDS Behav	El-Bassel, N.; Witte, S. S.; Gilbert, L.; Wu, E.; Chang, M.; Hill, J.; Steinglass, P.	Not enrolling population of interest
16166868	Availability of medical care services in drug treatment clinics associated with lower repeated emergency department use	Med Care	Laine, C.; Lin, Y. T.; Hauck, W. W.; Turner, B. J.	Not enrolling population of interest
19417194	Effect of a housing and case management program on emergency department visits and hospitalizations among chronically ill homeless adults: a randomized trial	Jama	Sadowski, L. S.; Kee, R. A.; VanderWeele, T. J.; Buchanan, D.	Not enrolling population of interest
24376623	Association between Mycobacterium tuberculosis complex phylogenetic lineage and acquired drug	PLoS One	Yuen, C. M.; Kurbatova, E. V.; Click, E. S.; Cavanaugh, J. S.; Cegielski, J. P.	Not enrolling population of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
	resistance			
20020194	HIV risks and seroprevalence among Mexican American injection drug users in California	AIDS Behav	Martinez, A. N.; Bluthenthal, R. N.; Flynn, N. M.; Anderson, R. L.; Kral, A. H.	Not enrolling population of interest
23872994	Results of a pilot test of a brief computer-assisted tailored HIV prevention intervention for use with a range of demographic and risk groups	AIDS Behav	Zule, W. A.; Bobashev, G. V.; Reif, S. M.; Poulton, W.; Coomes, C. M.; Wechsberg, W. M.	Not enrolling population of interest
109831857. Language:	A Randomized Trial to Evaluate the Efficacy of a Web-Based HIV Behavioral Intervention for High-Risk African American Women	AIDS & Behavior	Billings, Douglas; Leaf, Samantha; Spencer, Joy; Crenshaw, Terrlynn; Brockington, Sheila; Dalal, Reeshad	Not enrolling population of interest
15671808	Are HIV/AIDS conspiracy beliefs a barrier to HIV prevention among African Americans?	J Acquir Immune Defic Syndr	Bogart, L. M.; Thorburn, S.	Not enrolling population of interest
22166909	Are older patients comfortable discussing sexual health with nurses?	Nurs Res	Farrell, J.; Belza, B.	Not enrolling population of interest
20626196	Economically motivated relationships and transactional sex among unmarried African American and white women: results from a U.S. national telephone survey	Public Health Rep	Dunkle, K. L.; Wingood, G. M.; Camp, C. M.; DiClemente, R. J.	Not enrolling population of interest
22021297	Efficacy of a health educator-delivered HIV prevention intervention for Latina women: a randomized controlled trial	Am J Public Health	Wingood, G. M.; DiClemente, R. J.; Villamizar, K.; Er, D. L.; DeVarona, M.; Taveras, J.; Painter, T. M.; Lang, D. L.; Hardin, J. W.; Ullah, E.; Stallworth, J.; Purcell, D. W.; Jean, R.	Not enrolling population of interest
18684571	Ethnic differences in HIV risk behaviors among methadone-maintained women receiving contingency management for cocaine use disorders	Drug Alcohol Depend	Barry, D.; Weinstock, J.; Petry, N. M.	Not enrolling population of interest
21573724	Evaluation of an HIV prevention intervention for African Americans and Hispanics: findings from the VOICES/VOCES Community-based Organization Behavioral Outcomes Project	AIDS Behav	Fisher, H. H.; Patel-Larson, A.; Green, K.; Shapatava, E.; Uhl, G.; Kalayil, E. J.; Moore, A.; Williams, W.; Chen, B.	Not enrolling population of interest
24059881	Influences of stigma and HIV transmission knowledge on member support for faith-placed HIV initiatives in Chinese immigrant Buddhist and protestant religious institutions in New York City	AIDS Educ Prev	Kang, E.; Delzell, D. A.; Chin, J. J.; Behar, E.; Li, M. Y.	Not enrolling population of interest
21371849	Injection drug users' experience with and attitudes toward methadone clinics in Denver, CO	J Subst Abuse Treat	Al-Tayyib, A. A.; Koester, S.	Not enrolling population of interest
23607674	Relationship between menopause symptoms and HIV risk among midlife women in methadone treatment: a pilot study	Subst Use Misuse	Tuchman, E.; Pennington, L. E.; Kull, R. M.; Daneshyar, S.	Not enrolling population of interest
19229682	The effect of sympathy on discriminatory attitudes toward persons living with HIV/AIDS in Puerto Rico: a	AIDS Care	Norman, L. R.; Abreu, S.; Candelaria, E.; Sala, A.	Not enrolling population of interest

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	hierarchical analysis of women living in public housing			
2008-99130-473	Correlates of Voluntary HIV Testing and Counseling among middle aged and older Latinas		Craig, Shelley L.	Not enrolling population of interest
106540073. Language:	Field action report. Get connected: an HIV prevention case management program for men and women leaving California prisons	American Journal of Public Health	Myers, J.; Zack, B.; Kramer, K.; Gardner, M.; Rucobo, G.; Costa-Taylor, S.	Not enrolling population of interest
106414872. Language:	Primary care and health among women released from New York City jails	Journal of Health Care for the Poor & Underserved	Lee, J.; Vlahov, D.; Freudenberg, N.	Not enrolling population of interest
105131060. Language:	The relationship between program implementation and evaluation on the TCE/HIV projects	Journal of Evidence-Based Social Work	Kinney, S. C.; Sununu, T. J.	Not enrolling population of interest
16036235	Prediction of adherence to antiretroviral therapy: a one-year longitudinal study	AIDS Care	Godin, G.; Cote, J.; Naccache, H.; Lambert, L. D.; Trottier, S.	Not enrolling population of interest
22189509	Primary liver cancer is more aggressive in HIV-HCV coinfection than in HCV infection. A prospective study (ANRS CO13 Hepaviv and CO12 Cirvir)	Clin Res Hepatol Gastroenterol	Bourcier, V.; Winnock, M.; Ait Ahmed, M.; Sogni, P.; Pambrun, E.; Poizot-Martin, I.; Chaffaut, C.; Chevret, S.; Trinchet, J. C.; Salmon, D.	Not enrolling population of interest
15578686	Weekly docetaxel is safe and effective in the treatment of advanced-stage acquired immunodeficiency syndrome-related Kaposi sarcoma	Cancer	Lim, S. T.; Tupule, A.; Espina, B. M.; Levine, A. M.	Not enrolling population of interest
2005-06361-003	Improving the Access and Quality of Public Health Services for Bisexuals	Journal of Bisexuality	Dobinson, Cheryl; MacDonnell, Judy; Hampson, Elaine; Clipsham, Jean; Chow, Kathy	Not enrolling population of interest
19116782	HIV services utilization in Los Angeles County, California	AIDS Behav	Fisher, D. G.; Wishart, D.; Reynolds, G. L.; Edwards, J. W.; Kochems, L. M.; Janson, M. A.	Not enrolling population of interest
22628662	Sickle cell disease is associated with decreased HIV but higher HBV and HCV comorbidities in U.S. hospital discharge records: a cross-sectional study	Sex Transm Infect	Nouraie, M.; Nekhai, S.; Gordeuk, V. R.	Not enrolling population of interest
25162598	Food insecurity with hunger is associated with obesity among HIV-infected and at risk women in Bronx, NY	PLoS One	Sirotnin, N.; Hoover, D. R.; Shi, Q.; Anastos, K.; Weiser, S. D.	Not enrolling population of interest
16107987	Mortality in an urban cohort of HIV-infected and at-risk drug users in the era of highly active antiretroviral therapy	Clin Infect Dis	Kohli, R.; Lo, Y.; Howard, A. A.; Buono, D.; Floris-Moore, M.; Klein, R. S.; Schoenbaum, E. E.	Not enrolling population of interest
16134565	Health department collaboration with emergency departments as a model for public health programs among at-risk populations	Public Health Rep	Lyons, M. S.; Lindsell, C. J.; Ledyard, H. K.; Frame, P. T.; Trott, A. T.	Not enrolling population of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
2015-99231-045	Mental health service utilization among people with mental illness: An examination of predictors and the influence of substance abuse and hiv		Chang, Man-Chun	Not enrolling population of interest
17298935	Community-level HIV prevention for persons with severe mental illness living in supportive housing programs: a pilot intervention study	J Prev Interv Community	Sikkema, K. J.; Meade, C. S.; Doughty-Berry, J. D.; Zimmerman, S. O.; Kloos, B.; Snow, D. L.	Not enrolling population of interest
105566829. Language:	Implications for HIV/AIDS research and education among ethnic minority older adults	Journal of HIV/AIDS & Social Services	Altschuler, I.; Katz, A. D.; Tynan, M. A.	Not enrolling population of interest
20178023	Case management outcomes for women who use crack	J Evid Based Soc Work	Corsi, K. F.; Rinehart, D. J.; Kwiatkowski, C. F.; Booth, R. E.	Not enrolling population of interest
21517659	Race and emotion in computer-based HIV prevention videos for emergency department patients	AIDS Educ Prev	Aronson, I. D.; Bania, T. C.	Not enrolling population of interest
23811030	A multidisciplinary support programme increases the efficiency of pegylated interferon alfa-2a and ribavirin in hepatitis C	J Hepatol	Carrion, J. A.; Gonzalez-Colominas, E.; Garcia-Retortillo, M.; Canete, N.; Cirera, I.; Coll, S.; Gimenez, M. D.; Marquez, C.; Martin-Escudero, V.; Castellvi, P.; Navines, R.; Castano, J. R.; Galeras, J. A.; Salas, E.; Bory, F.; Martin-Santos, R.; Sola, R.	Not enrolling population of interest
25616838	A Randomized Trial to Evaluate the Efficacy of a Web-Based HIV Behavioral Intervention for High-Risk African American Women	AIDS Behav	Billings, D. W.	Not enrolling population of interest
24242259	Assessment of HIV-related stigma in a US faith-based HIV education and testing intervention	J Int AIDS Soc	Berkley-Patton, J. Y.; Moore, E.; Berman, M.; Simon, S. D.; Thompson, C. B.; Schleicher, T.; Hawes, S. M.	Not enrolling population of interest
20053235	Effectiveness of increasing emergency department patients' self-perceived risk for being human immunodeficiency virus (HIV) infected through audio computer self-interview-based feedback about reported HIV risk behaviors	Acad Emerg Med	Merchant, R. C.; Clark, M. A.; Langan, T. J. th; Seage, G. R., 3rd; Mayer, K. H.; DeGruttola, V. G.	Not enrolling population of interest
25433653	Evaluating a Brief, Video-Based Sexual Risk Reduction Intervention and Assessment Reactivity with STI Clinic Patients: Results from a Randomized Controlled Trial	AIDS Behav	Carey, M. P. and Senn, T. E. and Walsh, J. L.	Not enrolling population of interest
24059880	Housing stability, residential transience, and HIV testing among low-income urban African Americans	AIDS Educ Prev	Grieb, S. M.; Davey-Rothwell, M.; Latkin, C. A.	Not enrolling population of interest
104229174. Language:	Housing Stability, Residential Transience, and HIV Testing Among Low-Income Urban African Americans	AIDS Education & Prevention	Grieb, Suzanne M. Dolwick; Davey-Rothwell, Melissa; Latkin, Carl A.	Not enrolling population of interest
17435492	Human immunodeficiency virus counseling, testing,	J Public Health	Li, J.; Marks, S. M.; Driver, C. R.; Diaz, F. A.;	Not enrolling population of interest

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	and referral of close contacts to patients with pulmonary tuberculosis: feasibility and costs	Manag Pract	Castro, A. F., 3rd; de Regner, A. F.; Gibson, A. E.; Dokubo-Okereke, K.; Munsiff, S. S.	
15958248	Integrating hepatitis, STD, and HIV services into a drug rehabilitation program	Am J Prev Med	Gunn, R. A.; Lee, M. A.; Callahan, D. B.; Gonzales, P.; Murray, P. J.; Margolis, H. S.	Not enrolling population of interest
22506942	Long-term follow-up after voluntary human immunodeficiency virus/sexually transmitted infection counseling, point-of-service testing, and referral to substance abuse treatment from the emergency department	Acad Emerg Med	Bernstein, E.; Heeren, T.; Winter, M.; Ashong, D.; Bliss, C.; Madico, G.; Ayalew, B.; Bernstein, J.	Not enrolling population of interest
24059875	Project Salud: Efficacy of a community-based HIV prevention intervention for Hispanic migrant workers in south Florida	AIDS Educ Prev	Sanchez, J.; De La Rosa, M.; Serna, C. A.	Not enrolling population of interest
17414613	The effects of preexisting medical comorbidities on mortality and length of hospital stay in acute burn injury: evidence from a national sample of 31,338 adult patients	Ann Surg	Thombs, B. D.; Singh, V. A.; Halonen, J.; Diallo, A.; Milner, S. M.	Not enrolling population of interest
25156561	Assessment of bone mineral density in tenofovir-treated patients with chronic hepatitis B: can the fracture risk assessment tool identify those at greatest risk?	Journal of Infectious Diseases	Gill, Upkar S.; Zissimopoulos, Alexandra; Al-Shamma, Safa; Burke, Katherine; McPhail, Mark J. W.; Barr, David A.; Kallis, Yiannis N.; Marley, Richard T. C.; Koener, Paul; Foster, Graham R.; Kennedy, Patrick T. F.	Not enrolling population of interest
22417754	The Functional Assessment of Patients With Pulmonary Multidrug-Resistant Tuberculosis	Respiratory Care	Godoy, Marcos D. P.; Mello, Fernanda C. Q.; Lopes, Agnaldo J.; Costa, Walter; GuimarÃaes, Fernando S.; Pacheco, Antonio G. F.; Castanho, Ivany A.; Menezes, Sara L. S.	Not enrolling population of interest
25033136	Mortality risks among persons reporting same-sex sexual partners: evidence from the 2008 General Social Survey-National Death Index data set	Am J Public Health	Cochran, S. D.; Mays, V. M.	Not enrolling population of interest
21491291	Barriers to providing health services for HIV/AIDS, hepatitis C virus infection and sexually transmitted infections in substance abuse treatment programs in the United States	J Addict Dis	Bini, E. J.; Kritz, S.; Brown, L. S., Jr.; Robinson, J.; Alderson, D.; Rotrosen, J.	Not enrolling population of interest
21500025	A retrospective study of HIV antiretroviral treatment persistence in a commercially insured population in the United States	AIDS Care	Juday, T.; Grimm, K.; Zoe-Powers, A.; Willig, J.; Kim, E.	Not enrolling population of interest
24428796	Improving HIV/STD prevention in the care of persons living with HIV through a national training program	AIDS Patient Care STDS	Dreisbach, S.; Burnside, H.; Hsu, K.; Smock, L.; Coury-Doniger, P.; Hall, C.; Marrazzo, J.; Nagendra, G.; Rietmeijer, C.; Rompalo, A.; Thrun, M.	Not enrolling population of interest



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23442030	Providers' attitudes towards treating depression and self-reported depression treatment practices in HIV outpatient care	AIDS Patient Care STDS	Bess, K. D.; Adams, J.; Watt, M. H.; O'Donnell, J. K.; Gaynes, B. N.; Thielman, N. M.; Heine, A.; Zinski, A.; Raper, J. L.; Pence, B. W.	Not enrolling population of interest
21468659	Results of a randomized controlled trial of a peer mentor HIV/STI prevention intervention for women over an 18 month follow-up	AIDS Behav	Davey-Rothwell, M. A.; Tobin, K.; Yang, C.; Sun, C. J.; Latkin, C. A.	Not enrolling population of interest
106128174. Language:	Training substance abuse counselors about HIV medication adherence	Journal of HIV/AIDS & Social Services	Bass, M.; Linsk, N. L.; Mitchell, C.	Not enrolling population of interest
23568309	Multi-state models for defining degrees of chronicity related to HIV-infected patient therapy adherence	Cad Saude Publica	Oliveira Rde, V.; Shimakura, S. E.; Campos, D. P.; Victoriano, F. P.; Ribeiro, S. R.; Veloso, V. G.; Grinsztejn, B.; Carvalho, M. S.	Not enrolling population of interest
22908365	National HIV Testing Day - June 27, 2012	MMWR Morb Mortal Wkly Rep		Not enrolling population of interest
24499276	Assessing baseline religious practices and beliefs to predict adherence to highly active antiretroviral therapy among HIV-infected persons	AIDS Care	Vyas, K. J.; Limneos, J.; Qin, H.; Mathews, W. C.	Not enrolling population of interest
20656678	Changes in liver stiffness in patients with chronic hepatitis C with and without HIV co-infection treated with pegylated interferon plus ribavirin	J Antimicrob Chemother	Macias, J.; del Valle, J.; Rivero, A.; Mira, J. A.; Camacho, A.; Merchante, N.; Perez-Camacho, I.; Neukam, K.; Rivero-Juarez, A.; Mata, R.; Torre-Cisneros, J.; Pineda, J. A.	Not enrolling population of interest
17146375	Effects of a behavioral intervention to reduce risk of transmission among people living with HIV: the healthy living project randomized controlled study	J Acquir Immune Defic Syndr		Not enrolling population of interest
16776451	Public-private collaboration for multidrug-resistant tuberculosis control in New York City	Int J Tuberc Lung Dis	Munsiff, S. S.; Ahuja, S. D.; Li, J.; Driver, C. R.	Not enrolling population of interest
108132536. Language:	Adherence to and effectiveness of highly active antiretroviral treatment for HIV infection: assessing the bidirectional relationship	Medical Care	Lamiraud, K.; Moatti, J. P.; Raffi, F.; Carrieri, M. P.; Protopopescu, C.; Michelet, C.; Schneider, L.; Collin, F.; Lepout, C.; Spire, B.	Not enrolling population of interest
106256986. Language:	Improved adherence with contingency management	AIDS Patient Care & STDs	Rosen, M. I.; Dieckhaus, K.; McMahon, T. J.; Valdes, B.; Petry, N. M.; Cramer, J.; Rounsaville, B.	Not enrolling population of interest
24751432	HIV risk reduction with buprenorphine-naloxone or methadone: findings from a randomized trial	J Acquir Immune Defic Syndr	Woody, G. E.; Bruce, D.; Korthis, P. T.; Chhatre, S.; Poole, S.; Hillhouse, M.; Jacobs, P.; Sorensen, J.; Saxon, A. J.; Metzger, D.; Ling, W.	Not enrolling population of interest
18692034	Non-invasive markers of hepatic fibrosis in patients co-infected with HCV and HIV: comparison of the APRI	Clin Chim Acta	Trang, T.; Petersen, J. R.; Snyder, N.	Not enrolling population of interest

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	and FIB-4 index			
22263299	Qualitative analysis of an educational intervention with HIV-discordant heterosexual Latino couples	P R Health Sci J	Perez-Jimenez, D.; Orengo-Aguayo, R. E.	Not enrolling population of interest
22708483	Defining neurocognitive impairment in HIV: deficit scores versus clinical ratings	Clin Neuropsychol	Blackstone, K.; Moore, D. J.; Franklin, D. R.; Clifford, D. B.; Collier, A. C.; Marra, C. M.; Gelman, B. B.; McArthur, J. C.; Morgello, S.; Simpson, D. M.; Ellis, R. J.; Atkinson, J. H.; Grant, I.; Heaton, R. K.	Not enrolling population of interest
23934585	Physical exercise is associated with less neurocognitive impairment among HIV-infected adults	J Neurovirol	Dufour, C. A.; Marquine, M. J.; Fazeli, P. L.; Henry, B. L.; Ellis, R. J.; Grant, I.; Moore, D. J.	Not enrolling population of interest
18193499	Effects of a behavioral intervention on antiretroviral medication adherence among people living with HIV: the healthy living project randomized controlled study	J Acquir Immune Defic Syndr	Johnson, M. O.; Charlebois, E.; Morin, S. F.; Remien, R. H.; Chesney, M. A.	Not enrolling population of interest
18164145	Behavioral drug and HIV risk reduction counseling (BDRC) with abstinence-contingent take-home buprenorphine: a pilot randomized clinical trial	Drug Alcohol Depend	Chawarski, M. C.; Mazlan, M.; Schottenfeld, R. S.	Not enrolling population of interest
21790474	Short communication routine HIV testing in the emergency department: assessment of patient perceptions	AIDS Res Hum Retroviruses	Batey, D. S.; Hogan, V. L.; Cantor, R.; Hamlin, C. M.; Ross-Davis, K.; Nevin, C.; Zimmerman, C.; Thomas, S.; Mugavero, M. J.; Willig, J. H.	Not enrolling population of interest
104235560. Language:	Adherence to HIV Treatment and Care Among Previously Homeless Jail Detainees	AIDS & Behavior	Chen, Nadine; Meyer, Jaimie; Avery, Ann; Draine, Jeffrey; Flanigan, Timothy; Lincoln, Thomas; Spaulding, Anne; Springer, Sandra; Altice, Frederick	Not enrolling population of interest
17138466	Treatment perceptions and attitudes of older human immunodeficiency virus-infected adults	Res Social Adm Pharm	Wutoh, A. K.; Brown, C. M.; Dutta, A. P.; Kumoji, E. K.; Clarke-Tasker, V.; Xue, Z.	Not enrolling population of interest
19142817	The relationship between housing status and HIV risk among active drug users: a qualitative analysis	Subst Use Misuse	Dickson-Gomez, J.; Hilario, H.; Convey, M.; Corbett, A. M.; Weeks, M.; Martinez, M.	Not enrolling population of interest
23528143	Sexual HIV/HSV-2 risk among drug users in New York City: an HIV testing and counseling intervention	Subst Use Misuse	Pantin, M.; Leonard, N. R.; Hagan, H.	Not enrolling population of interest
20740376	Unprotected sexual behavior and HIV risk in the context of primary partnerships for transgender women	AIDS Behav	Operario, D.; Nemoto, T.; Iwamoto, M.; Moore, T.	Not enrolling population of interest
24450279	Adaptation and implementation of HoMBReS: a community-level, evidence-based HIV behavioral intervention for heterosexual Latino men in the midwestern United States	AIDS Educ Prev	Martinez, O.; Roth, A. M.; Kelle, G.; Downs, M.; Rhodes, S. D.	Not enrolling population of interest
105525941. Language:	Adapting effective narrative-based HIV-prevention interventions to increase minorities' engagement in HIV/AIDS services	Health Communication	Berkley-Patton, J.; Goggin, K.; Liston, R.; Bradley-Ewing, A.; Neville, S.	Not enrolling population of interest
20391059	An effective HIV risk-reduction protocol for drug-using	J Prev Interv	Surratt, H. L.; Inciardi, J. A.	Not enrolling population of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
	female sex workers	Community		
20168013	The impact of acculturation on utilization of HIV prevention services and access to care among an at-risk Hispanic population	J Health Care Poor Underserved	Kinsler, J. J.; Lee, S. J.; Sayles, J. N.; Newman, P. A.; Diamant, A.; Cunningham, W.	Not enrolling population of interest
23666322	Interactions between alcohol and the antiretroviral medications ritonavir or efavirenz	J Addict Med	McCance-Katz, E. F.; Gruber, V. A.; Beatty, G.; Lum, P. J.; Rainey, P. M.	Not examining outcomes of interest
18062057	Psychosocial predictors of medication adherence among persons living with HIV	Int J Behav Med	Gauchet, A.; Tarquinio, C.; Fischer, G.	Not examining outcomes of interest
25748483	Optimism, well-being, and perceived stigma in individuals living with HIV	AIDS Care	Ammirati, R. J.	Not examining outcomes of interest
25331267	Psychosocial Syndemics are Additively Associated with Worse ART Adherence in HIV-Infected Individuals	AIDS Behav	Blashill, A. J.	Not examining outcomes of interest
22337933	Intra-individual neurocognitive variability confers risk of dependence in activities of daily living among HIV-seropositive individuals without HIV-associated neurocognitive disorders	Arch Clin Neuropsychol	Morgan, E. E.; Woods, S. P.; Grant, I.	Not examining outcomes of interest
16116306	High rates of primary Mycobacterium avium complex and Pneumocystis jiroveci prophylaxis in the United States	Med Care	Gebo, K. A.; Fleishman, J. A.; Reilly, E. D.; Moore, R. D.	Not examining outcomes of interest
24784763	HIV protective efficacy and correlates of tenofovir blood concentrations in a clinical trial of PrEP for HIV prevention	JAIDS Journal of Acquired Immune Deficiency Syndromes	Donnell, Deborah; Baeten, Jared M.; Bumpus, NamandjÃ© N.; Brantley, Justin; Bangsberg, David R.; Haberer, Jessica E.; Mujugira, Andrew; Mugo, Nelly; Ndase, Patrick; Hendrix, Craig; Celum, Connie	Not examining outcomes of interest
105969663. Language:	Predictors of cognitive ability in adults aging with HIV: a pilot study	Clinical Gerontologist	Vance, D. E.; Woodley, R. A.; Burrage, J. R., Jr.	Not examining outcomes of interest
18071166	Trends in tuberculosis; human immunodeficiency virus comorbidity, United States, 1993-2004	Archives of Internal Medicine	Albalak, R.	Not examining outcomes of interest
26068721	Brief Report: Gonorrhea and Chlamydia Testing Increasing but Still Lagging in HIV Clinics in the United States	J Acquir Immune Defic Syndr	Berry, S. A. and Ghanem, K. G. and Mathews, W. C.	Not examining outcomes of interest
18580533	Does HIV infection influence outcomes after trauma?	Journal of Trauma	Duane, T. M.; Sekel, S.; Wolfe, L. G.; Malhotra, A. K.; Aboutanos, M. B.; Ivatury, R. R.	Not examining outcomes of interest
16315382	Posttraumatic stress disorder symptoms and adherence among women living with HIV	Ethn Dis	Hilerio, C. M.; Martinez, J.; Zorrilla, C. D.; Torres, R.	Not examining outcomes of interest
104515858. Language:	Sex and Race Effects on Risk for Selected Outcomes among Elderly HIV-Infected Patients	JIAPAC: Journal of the International	Frontini, Maria and Chotalia, Jigar and Spizale, Lauren and Onya, Wilfred and Ruiz, Marco and Clark, Rebecca A.	Not examining outcomes of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
		Association of Physicians in AIDS Care		
22008756	Increased prevalence of advanced tuberculosis in rural low tuberculosis caseload counties in North Carolina	Int J Tuberc Lung Dis	Guderian, L. J.; Miller, W. C.; Sena, A. C.; Stout, J. E.	Not examining outcomes of interest
25234826	Liver stiffness and aspartate aminotransferase levels predict the risk for liver fibrosis progression in hepatitis C virus/HIV-coinfected patients	HIV Med	Gonzalez, F. A.	Not examining outcomes of interest
25604495	Soluble insulin receptor as a source of insulin resistance and cognitive impairment in HIV-seropositive women	J Neurovirol	Gerena, Y. and Menendez-Delmestre, R. and Skolasky, R. L.	Not examining outcomes of interest
18160373	The role of spirituality in sustaining the psychological well-being of HIV-positive black women	Women Health	Braxton, N. D.; Lang, D. L.; M. Sales J; Wingood, G. M.; DiClemente, R. J.	Not examining outcomes of interest
22860997	Health care utilization in HIV-infected patients: assessing the burden of hepatitis C virus coinfection	AIDS Patient Care STDS	Norton, B. L.; Park, L.; McGrath, L. J.; Proeschold Bell, R. J.; Muir, A. J.; Naggie, S.	Not examining outcomes of interest
19474756	Prevalence of cervical cancer screening of HIV-infected women in the United States	J Acquir Immune Defic Syndr	Oster, A. M.; Sullivan, P. S.; Blair, J. M.	Not examining outcomes of interest
19394735	Hepatitis C seropositivity and kidney function decline among women with HIV: data from the Women's Interagency HIV Study	Am J Kidney Dis	Tsui, J.; Vittinghoff, E.; Anastos, K.; Augenbraun, M.; Young, M.; Nowicki, M.; Cohen, M. H.; Peters, M. G.; Golub, E. T.; Szczech, L.	Not examining outcomes of interest
21879883	Risk factors for nonadherence with Pap testing in HIV-infected women	J Womens Health (Larchmt)	Baranoski, A. S.; Horsburgh, C. R.; Cupples, L. A.; Aschengrau, A.; Stier, E. A.	Not examining outcomes of interest
109823318. Language:	Depression and Apathy Among People Living with HIV: Implications for Treatment of HIV Associated Neurocognitive Disorders	AIDS & Behavior	Bryant, Vaughn; Whitehead, Nicole; Burrell, Larry; Dotson, Vonetta; Cook, Robert; Malloy, Paul; Devlin, Kathryn; Cohen, Ronald	Not examining outcomes of interest
16511769	HIV infection and bone mineral density in middle-aged women	Clin Infect Dis	Arnsten, J. H.; Freeman, R.; Howard, A. A.; Floris-Moore, M.; Santoro, N.; Schoenbaum, E. E.	Not examining outcomes of interest
21457540	Comparison of intima-media thickness and ophthalmic artery resistance index for assessing subclinical atherosclerosis in HIV-1-infected patients	Cardiovasc Ultrasound	Grima, P.; Guido, M.; Chiavaroli, R.; De Donno, A.; Tana, M.; Zizza, A.	Not examining outcomes of interest
25711324	Kidney disease in antiretroviral-naive HIV-positive adults with high CD4 counts: prevalence and predictors of kidney disease at enrolment in the INSIGHT Strategic Timing of AntiRetroviral Treatment (START) trial	HIV Med	Achhra, A. C.; Mocroft, A.; Ross, M. J.; Ryom, L.; Lucas, G. M.; Furrer, H.; Neuhaus, J.; Somboonwit, C.; Kelly, M.; Gatell, J. M.; Wyatt, C. M.	Not examining outcomes of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
16251836	Relative prevalence of comorbidities and treatment contraindications in HIV-mono-infected and HIV/HCV-co-infected veterans	Aids	Goulet, J. L.; Fultz, S. L.; McGinnis, K. A.; Justice, A. C.	Not examining outcomes of interest
22188140	Racial patterns of extranodal natural killer/T-cell lymphoma, nasal type, in California: a population-based study	Br J Haematol	Ai, W. Z.; Chang, E. T.; Fish, K.; Fu, K.; Weisenburger, D. D.; Keegan, T. H.	Not examining outcomes of interest
22006469	Associations of cardiovascular variables and HAART with cognition in middle-aged HIV-infected and uninfected women	J Neurovirol	Crystal, H. A.; Weedon, J.; Holman, S.; Manly, J.; Valcour, V.; Cohen, M.; Anastos, K.; Liu, C.; Mack, W. J.; Golub, E.; Lazar, J.; Ho, A.; Kreek, M. J.; Kaplan, R. C.	Not examining outcomes of interest
19684507	HIV-infected persons continue to lose kidney function despite successful antiretroviral therapy	Aids	Choi, A. I.; Shlipak, M. G.; Hunt, P. W.; Martin, J. N.; Deeks, S. G.	Not examining outcomes of interest
22571839	HIV-infected persons with bipolar disorder are less aware of memory deficits than HIV-infected persons without bipolar disorder	J Clin Exp Neuropsychol	Blackstone, K.; Tobin, A.; Posada, C.; Gouaux, B.; Grant, I.; Moore, D. J.; The Hiv Neurobehavioral Research Program, Hnrp	Not examining outcomes of interest
23023101	Multimorbidity patterns in HIV-infected patients: the role of obesity in chronic disease clustering	J Acquir Immune Defic Syndr	Kim, D. J.; Westfall, A. O.; Chamot, E.; Willig, A. L.; Mugavero, M. J.; Ritchie, C.; Burkholder, G. A.; Crane, H. M.; Raper, J. L.; Saag, M. S.; Willig, J. H.	Not examining outcomes of interest
22132928	Neurocognitive effects of HIV, hepatitis C, and substance use history	J Int Neuropsychol Soc	Devlin, K. N.; Gongvatana, A.; Clark, U. S.; Chasman, J. D.; Westbrook, M. L.; Tashima, K. T.; Navia, B.; Cohen, R. A.	Not examining outcomes of interest
24595021	Select neurocognitive impairment in HIV-infected women: associations with HIV viral load, hepatitis C virus, and depression, but not leukocyte telomere length	PLoS One	Giesbrecht, C. J.; Thornton, A. E.; Hall-Patch, C.; Maan, E. J.; Cote, H. C.; Money, D. M.; Murray, M.; Pick, N.	Not examining outcomes of interest
19803714	Elevated NT-pro-BNP levels are associated with comorbidities among HIV-infected women	AIDS Res Hum Retroviruses	Mansoor, A.; Althoff, K.; Gange, S.; Anastos, K.; Dehovitz, J.; Minkoff, H.; Kaplan, R.; Holman, S.; Lazar, J. M.	Not examining outcomes of interest
105411906. Language:	At-risk drinking and injection and sexual risk behaviors of HIV-positive injection drug users entering drug treatment in New York City	AIDS Patient Care & STDs	Arasteh, K.; Des Jarlais, D. C.	Not examining outcomes of interest
23061599	The effect of unsuccessful treatment with peginterferon and ribavirin on the liver fibrosis course of HIV/HCV-coinfected patients	Curr HIV Res	Collazos, J.; Asensi, V.; de la Fuente, B.; Carton, J. A.	Not examining outcomes of interest
20662594	Neurocognition, health-related reading literacy, and numeracy in medication management for HIV infection	AIDS Patient Care STDS	Waldrop-Valverde, D.; Jones, D. L.; Gould, F.; Kumar, M.; Ownby, R. L.	Not examining outcomes of interest
22564797	Provider and patient correlates of provider decisions to recommend HCV treatment to HIV co-infected patients	J Int Assoc Physicians	Wagner, G.; Osilla, K. C.; Garnett, J.; Ghosh-Dastidar, B.; Bhatti, L.; Witt, M.; Goetz, M. B.	Not examining outcomes of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
		AIDS Care (Chic)		
24933093	Taking it one day at a time: African American women aging with HIV and co-morbidities	AIDS Patient Care STDS	Warren-Jeanpiere, L.; Dillaway, H.; Hamilton, P.; Young, M.; Goparaju, L.	Not examining outcomes of interest
21431413	Gender and age differences in quality of life and the impact of psychopathological symptoms among HIV-infected patients	AIDS and Behavior	Pereira, Marco; Canavarro, Maria Cristina	Not examining outcomes of interest
18018770	Risk factors for acute liver enzyme abnormalities in HIV-hepatitis B virus-coinfected patients on antiretroviral therapy	Antivir Ther	Chauvel, O.; Lacombe, K.; Bonnard, P.; Lascoux-Combe, C.; Molina, J. M.; Mialhes, P.; Girard, P. M.; Carrat, F.	Not examining outcomes of interest
18681190	Quality of life, symptomatology and healthcare utilization in HIV/HCV co-infected drug users in Miami	J Addict Dis	Baum, M. K.; Jayaweera, D. T.; Duan, R.; Sales, S.; Lai, S.; Rafie, C.; Regev, A.; Page, J. B.; Berkman, R.; Campa, A.	Not examining outcomes of interest
22127042	Comorbidities and depression in older adults with HIV	Sex Health	Havlik, R. J.; Brennan, M.; Karpiak, S. E.	Not examining outcomes of interest
16048441	Influence of depression and HIV serostatus on the neuropsychological performance of injecting drug users	Psychiatry Clin Neurosci	Waldrop-Valverde, D.; Ownby, R. L.; Kumar, M.	Not examining outcomes of interest
105651914. Language:	Service utilization and cognitive complaints in adults with HIV: results from a statewide survey	Journal of HIV/AIDS & Social Services	Okonkwo, O.; Vance, D.; Antia, L.; Smith, B.; Blanshan, S.; Heirs, K.; Bodner, E.	Not examining outcomes of interest
25742054	Trauma history in African-American women living with HIV: effects on psychiatric symptom severity and religious coping	AIDS Care	Brownley, J. R.	Not examining outcomes of interest
106517301. Language:	Perceptions of support among older adults with HIV	Research on Aging	Shippy, R. A. and Karpiak, S. E.	Not examining outcomes of interest
19803620	Examining family networks of HIV+ women in drug recovery: challenges and opportunities	Families, Systems & Health: The Journal of Collaborative Family HealthCare	Mitrani, V. B.; Weiss-Laxer, N. S.; Ow, C. E.; Burns, M. J.; Ross-Russell, S.; Feaster, D. J.	Not examining outcomes of interest
26669792	Hepatitis C Direct Acting Antiviral Therapies in a New York City HIV/AIDS Special Needs Plan: Uptake and Barriers	AIDS Patient Care & STDs		Not examining outcomes of interest
23277233	Differential medication nonadherence and illness beliefs in co-morbid HIV and type 2 diabetes	J Behav Med	Batchelder, A. W.; Gonzalez, J. S.; Berg, K. M.	Not examining outcomes of interest
21058961	Excess mortality among HIV-infected patients	Alcohol Clin	DeLorenze, G. N.; Weisner, C.; Tsai, A. L.;	Not examining outcomes of

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	diagnosed with substance use dependence or abuse receiving care in a fully integrated medical care program	Exp Res	Satre, D. D.; Quesenberry, C. P., Jr.	interest
15695694	Long-term molecular analysis of tuberculosis strains in Alabama, a state characterized by a largely indigenous, low-risk population	J Clin Microbiol	Kempf, M. C.; Dunlap, N. E.; Lok, K. H.; Benjamin, W. H., Jr.; Keenan, N. B.; Kimerling, M. E.	Not examining outcomes of interest
20664016	Association between systemic inflammation and incident diabetes in HIV-infected patients after initiation of antiretroviral therapy	Diabetes Care	Brown, T. T.; Tassiopoulos, K.; Bosch, R. J.; Shikuma, C.; McComsey, G. A.	Not examining outcomes of interest
25404005	Self-predictions of prospective memory in HIV-associated neurocognitive disorders: evidence of a metamemory deficit	Arch Clin Neuropsychol	Casaletto, K. B.; Doyle, K. L.; Weber, E.; Woods, S. P.	Not examining outcomes of interest
22614744	Bipolar disorder is associated with HIV transmission risk behavior among patients in treatment for HIV	AIDS Behav	Meade, C. S.; Bevilacqua, L. A.; Key, M. D.	Not examining outcomes of interest
18376387	Classic Kaposi Sarcoma in the United States over the last two decades: a clinicopathologic and molecular study of 438 non-HIV-related Kaposi Sarcoma patients with comparison to HIV-related Kaposi Sarcoma	Mod Pathol	Hiatt, K. M.; Nelson, A. M.; Lichy, J. H.; Fanburg-Smith, J. C.	Not examining outcomes of interest
86060553	HIV-Related Stigma as a Mediator of the Relation Between Multiple-Minority Status and Mental Health Burden in an Aging HIV-Positive Population	Journal of HIV/AIDS & Social Services	Storholm, Erik David; Halkitis, Perry N.; Kupprat, Sandra A.; Hampton, Melvin C.; Palamar, Joseph J.; Brennan-Ing, Mark; Karpiak, Stephen	Not examining outcomes of interest
23169503	Pegylated liposomal doxorubicin, rituximab, cyclophosphamide, vincristine, and prednisone in AIDS-related lymphoma: AIDS Malignancy Consortium Study 047	J Clin Oncol	Levine, A. M.; Noy, A.; Lee, J. Y.; Tam, W.; Ramos, J. C.; Henry, D. H.; Parekh, S.; Reid, E. G.; Mitsuyasu, R.; Cooley, T.; Dezube, B. J.; Ratner, L.; Cesarman, E.; Tulpule, A.	Not examining outcomes of interest
24499953	Correlates of HIV sustained viral suppression in HIV/hepatitis C virus coinfecting patients: possible role of the hepatitis C virus sustained viral response	Aids	Bani-Sadr, F.; Loko, M. A.; Pambrun, E.; Winnock, M.; Carrieri, P.; Gilbert, C.; Duvivier, C.; Bouchaud, O.; Gervais, A.; Dabis, F.; Salmon, D.	Not examining outcomes of interest
20105080	Hepatitis C virus (HCV) quasispecies complexity and selection in HCV/HIV-coinfecting subjects treated with interferon-based regimens	J Infect Dis	Sherman, K. E.; Rouster, S. D.; Stanford, S.; Blackard, J. T.; Shire, N.; Koziol, M.; Peters, M.; Chung, R. T.	Not examining outcomes of interest
25417712	Short Communication: HIV RNA Levels Predict AIDS-Defining and Non-AIDS-Defining Cancers After Antiretroviral Therapy Initiation Among HIV-Infected Adults	AIDS Res Hum Retroviruses	Crum-Cianflone, N. F.	Not examining outcomes of interest
20658749	Changes in lipids and lipoprotein particle concentrations after interruption of antiretroviral	J Acquir Immune Defic	Lampe, F. C.; Duprez, D. A.; Kuller, L. H.; Tracy, R.; Otvos, J.; Stroes, E.; Cooper, D. A.	Not examining outcomes of interest

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	therapy	Syndr	Hoy, J.; Paton, N. I.; Friis-Moller, N.; Neuhaus, J.; Liappis, A. P.; Phillips, A. N.	
23613008	Progressive cerebral injury in the setting of chronic HIV infection and antiretroviral therapy	J Neurovirol	Gongvatana, A.; Harezlak, J.; Buchthal, S.; Daar, E.; Schifitto, G.; Campbell, T.; Taylor, M.; Singer, E.; Algers, J.; Zhong, J.; Brown, M.; McMahon, D.; So, Y. T.; Mi, D.; Heaton, R.; Robertson, K.; Yiannoutsos, C.; Cohen, R. A.; Navia, B.	Not examining outcomes of interest
17560067	Analysis of CCR5, CCR2, SDF1 and RANTES gene polymorphisms in subjects with HIV-related PML and not determined leukoencephalopathy	Biomed Pharmacother	Guerini, F. R.; Delbue, S.; Zanzottera, M.; Agliardi, C.; Saresella, M.; Mancuso, R.; Maserati, R.; Marchioni, E.; Gori, A.; Ferrante, P.	Not examining outcomes of interest
22088609	Pain anxiety, acceptance, and outcomes among individuals with HIV and chronic pain: a preliminary investigation	Behav Res Ther	Huggins, J. L.; Bonn-Miller, M. O.; Oser, M. L.; Sorrell, J. T.; Trafton, J. A.	Not examining outcomes of interest
25723139	Risk of Liver Enzyme Elevation During Treatment With Ritonavir-Boosted Protease Inhibitors Among HIV-Monoinfected and HIV/HCV-Coinfected Patients	J Acquir Immune Defic Syndr	Lapadula, G.; Costarelli, S.; Chatenoud, L.; Castelli, F.; Astuti, N.; Di Giambenedetto, S.; Quiros-Roldan, E.; Sighinolfi, L.; Ladisa, N.; Di Pietro, M.; Zoncada, A.; Di Filippo, E.; Gori, A.; Nasta, P.; Torti, C.	Not examining outcomes of interest
18684404	Fatigue in HIV/AIDS patients with comorbidities	Appl Nurs Res	Corless, I. B.; Voss, J. G.; Nicholas, P. K.; Bunch, E. H.; Bain, C. A.; Coleman, C.; Dole, P. J.; Eller, L. S.; Hamilton, M. J.; Holzemer, W. L.; Kempainen, J. K.; Kirksey, K. M.; Sefcik, E. F.; Nokes, K. M.; Tsais, Y. F.; Reynolds, N. R.; Wantland, D. J.; Mc Gibbon, C.; Davis, S. M.; Mendez, M. R.; Valencia, C. P.	Not examining outcomes of interest
103777801.	Hearing loss among HIV-seropositive and HIV-seronegative men and women Language:	JAMA Otolaryngology-Head & Neck Surgery		Not examining outcomes of interest
16908797	Liver-related deaths in persons infected with the human immunodeficiency virus: the D:A:D study	Arch Intern Med	Weber, R.; Sabin, C. A.; Friis-Moller, N.; Reiss, P.; El-Sadr, W. M.; Kirk, O.; Dabis, F.; Law, M. G.; Pradier, C.; De Wit, S.; Akerlund, B.; Calvo, G.; Monforte, Ad; Rickenbach, M.; Ledergerber, B.; Phillips, A. N.; Lundgren, J. D.	Not examining outcomes of interest
21402550	Effects of antiretroviral therapy on immune function of HIV-infected adults with pulmonary tuberculosis and CD4+ >350 cells/mm3	J Infect Dis	Lancioni, C. L.; Mahan, C. S.; Johnson, D. F.; Walusimbi, M.; Chervenak, K. A.; Nalukwago, S.; Charlebois, E.; Havlir, D.; Mayanja-Kizza, H.; Whalen, C. C.; Boom, W. H.	Not examining outcomes of interest
20133265	Long-term impact of efavirenz on neuropsychological	HIV Clin Trials	Clifford, D. B.; Evans, S.; Yang, Y.; Acosta, E.	Not examining outcomes of



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	performance and symptoms in HIV-infected individuals (ACTG 5097s)		P.; Ribaudo, H.; Gulick, R. M.	interest
17974644	Comorbidities in older patients with HIV: a retrospective study	J Am Dent Assoc	Magalhaes, M. G.; Greenberg, B.; Hansen, H.; Glick, M.	Not examining outcomes of interest
23442493	HIV status among patients with tuberculosis and HIV testing practices by Connecticut health care providers	J Int Assoc Provid AIDS Care	Clark, I. T.; Lobato, M. N.; Gutierrez, J.; Sosa, L. E.	Not examining outcomes of interest
16280701	A population-based analysis of temporal trends in the incidence of squamous anal canal cancer in relation to the HIV epidemic	J Acquir Immune Defic Syndr	Chiao, E. Y.; Krown, S. E.; Stier, E. A.; Schrag, D.	Not examining outcomes of interest
18593347	Hepatitis C virus coinfection does not affect CD4 restoration in HIV-infected patients after initiation of antiretroviral therapy	AIDS Res Hum Retroviruses	Yacisin, K.; Maida, I.; Rios, M. J.; Soriano, V.; Nunez, M.	Not examining outcomes of interest
20854173	Directly observed antiretroviral therapy in substance abusers receiving methadone maintenance therapy does not cause increased drug resistance	AIDS Res Hum Retroviruses	Brust, J. C.; Litwin, A. H.; Berg, K. M.; Li, X.; Heo, M.; Arnsten, J. H.	Not examining outcomes of interest
18668226	The apolipoprotein E epsilon4 allele and memory performance in HIV-1 seropositive subjects: differences at baseline but not after acute oral lorazepam challenge	Psychopharmacology (Berl)	Pomara, N.; Belzer, K. D.; Silva, R.; Cooper, T. B.; Sidtis, J. J.	Not examining outcomes of interest
23329164	Detection of anti-tat antibodies in CSF of individuals with HIV-associated neurocognitive disorders	J Neurovirol	Bachani, M.; Sacktor, N.; McArthur, J. C.; Nath, A.; Rumbaugh, J.	Not examining outcomes of interest
22670566	Active cocaine use is associated with lack of HIV-1 virologic suppression independent of nonadherence to antiretroviral therapy: use of a rapid screening tool during routine clinic visits	AIDS Care	Rasbach, D. A.; Desruisseau, A. J.; Kipp, A. M.; Stinnette, S.; Kheshti, A.; Shepherd, B. E.; Sterling, T. R.; Hulgian, T.; McGowan, C. C.; Qian, H. Z.	Not examining outcomes of interest
16176898	Gender differences among HIV-positive methadone maintenance patients enrolled in a medication adherence trial	AIDS Care	Haug, N. A.; Sorensen, J. L.; Lollo, N. D.; Gruber, V. A.; Delucchi, K. L.; Hall, S. M.	Not examining outcomes of interest
24977377	Health insurance coverage for persons in HIV care, 2006-2012	J Acquir Immune Defic Syndr	Yehia, B. R.; Fleishman, J. A.; Agwu, A. L.; Metlay, J. P.; Berry, S. A.; Gebo, K. A.	Not examining outcomes of interest
22332854	'Shotgunning' in a population of patients with severe mental illness and comorbid substance use disorders	Am J Addict	Welsh, C.; Goldberg, R.; Tapscott, S.; Medoff, D.; Rosenberg, S.; Dixon, L.	Not examining outcomes of interest
21818528	A closer look at depression and its relationship to HIV antiretroviral adherence	Ann Behav Med	Wagner, G. J.; Goggin, K.; Remien, R. H.; Rosen, M. I.; Simoni, J.; Bangsberg, D. R.; Liu, H.	Not examining outcomes of interest
24625188	Alcohol and associated characteristics among older persons living with human immunodeficiency virus on	Subst Abus	Williams, E. C.; Bradley, K. A.; Balderson, B. H.; McClure, J. B.; Grothaus, L.; McCoy, K.;	Not examining outcomes of interest

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	antiretroviral therapy		Rittmueller, S. E.; Catz, S. L.	
23924399	Associations between the legal context of HIV, perceived social capital, and HIV antiretroviral adherence in North America	BMC Public Health	Phillips, J. C.; Webel, A.; Rose, C. D.; Corless, I. B.; Sullivan, K. M.; Voss, J.; Wantland, D.; Nokes, K.; Brion, J.; Chen, W. T.; Ipinge, S.; Eller, L. S.; Tyer-Viola, L.; Rivero-Mendez, M.; Nicholas, P. K.; Johnson, M. O.; Maryland, M.; Kemppainen, J.; Portillo, C. J.; Chaiphibalsarisdi, P.; Kirksey, K. M.; Sefcik, E.; Reid, P.; Cuca, Y.; Huang, E.; Holzemer, W. L.	Not examining outcomes of interest
16470122	Effect of hepatitis C coinfection on discontinuation and modification of initial HAART in primary HIV care	Aids	Hooshyar, D.; Napravnik, S.; Miller, W. C.; Eron, J. J., Jr.	Not examining outcomes of interest
22311149	Predicting depression in mothers with and without HIV: the role of social support and family dynamics	AIDS Behav	Dyer, T. P.; Stein, J. A.; Rice, E.; Rotheram-Borus, M. J.	Not examining outcomes of interest
25574956	Relationships of pulmonary function, inflammation, and T-cell activation and senescence in an HIV-infected cohort	Aids	Fitzpatrick, M. E.; Singh, V.; Bertolet, M.; Lucht, L.; Kessinger, C.; Michel, J.; Logar, A.; Weinman, R.; McMahon, D.; Norris, K. A.; Vallejo, A. N.; Morris, A.	Not examining outcomes of interest
16496089	Social support, disclosure, and use of antiretroviral therapy	AIDS Behav	Waddell, E. N.; Messeri, P. A.	Not examining outcomes of interest
22135046	The effect of HIV and HPV coinfection on cervical COX-2 expression and systemic prostaglandin E2 levels	Cancer Prev Res (Phila)	Fitzgerald, D. W.; Bezak, K.; Ocheretina, O.; Riviere, C.; Wright, T. C.; Milne, G. L.; Zhou, X. K.; Du, B.; Subbaramaiah, K.; Byrt, E.; Goodwin, M. L.; Rafii, A.; Dannenberg, A. J.	Not examining outcomes of interest
22156964	Vitamin D deficiency and persistent proteinuria among HIV-infected and uninfected injection drug users	Aids	Estrella, M. M.; Kirk, G. D.; Mehta, S. H.; Brown, T. T.; Fine, D. M.; Atta, M. G.; Lucas, G. M.	Not examining outcomes of interest
21717822	Policosanol for managing human immunodeficiency virus-related dyslipidemia in a medically underserved population: a randomized, controlled clinical trial	Altern Ther Health Med	Swanson, B.; Keithley, J. K.; Sha, B. E.; Fogg, L.; Nerad, J.; Novak, R. M.; Adeyemi, O.; Spear, G. T.	Not examining outcomes of interest
20693741	Insurance coverage among people living with combined HIV/AIDS, chronic mental illness, and substance abuse disorders	J Health Care Poor Underserved	Conover, C. J.; Weaver, M.; Arno, P.; Ang, A.; Ettner, S. L.	Not examining outcomes of interest
25563775	Virtual intervention to support self-management of antiretroviral therapy among people living with HIV	J Med Internet Res	Cote, J.; Godin, G.; Ramirez-Garcia, P.; Rouleau, G.; Bourbonnais, A.; Gueheneuc, Y. G.; Tremblay, C.; Otis, J.	Not examining outcomes of interest
25781903	Antiretroviral Non-Adherence is Associated With a Retrieval Profile of Deficits in Verbal Episodic Memory	Clin Neuropsychol	Obermeit, L. C.; Morgan, E. E.; Casaletto, K. B.; Grant, I.; Woods, S. P.	Not examining outcomes of interest
18071894	A daily process investigation of alcohol-involved sexual risk behavior among economically	AIDS Behav	Barta, W. D.; Portnoy, D. B.; Kiene, S. M.; Tennen, H.; Abu-Hasaballah, K. S.; Ferrer, R.	Not examining outcomes of interest

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	disadvantaged problem drinkers living with HIV/AIDS			
24524493	A multisite study of the prevalence of HIV with rapid testing in mental health settings	Am J Public Health	Blank, M. B.; Himelhoch, S. S.; Balaji, A. B.; Metzger, D. S.; Dixon, L. B.; Rose, C. E.; Oraka, E.; Davis-Vogel, A.; Thompson, W. W.; Heffelfinger, J. D.	Not examining outcomes of interest
16036240	Determinants of HAART discontinuation among injection drug users	AIDS Care	Kerr, T.; Marshall, A.; Walsh, J.; Palepu, A.; Tyndall, M.; Montaner, J.; Hogg, R.; Wood, E.	Not examining outcomes of interest
105659740. Language:	Exploring research issues: in using a random sampling plan with highly marginalized populations	Journal of Multicultural Nursing & Health (JMCNH)	Nokes, K. M.; Nwakeze, P. C.	Not examining outcomes of interest
16706710	Social stigma concerns and HIV medication adherence	AIDS Patient Care STDS	Rintamaki, L. S.; Davis, T. C.; Skripkauskas, S.; Bennett, C. L.; Wolf, M. S.	Not examining outcomes of interest
109373197. Language:	The Contribution of Missed Clinic Visits to Disparities in HIV Viral Load Outcomes	American Journal of Public Health		Not examining outcomes of interest
17916167	Evidence-based, multifactorial approach to addressing non-adherence to antiretroviral therapy and improving standards of care	Intern Med J	Herrmann, S.; McKinnon, E.; John, M.; Hyland, N.; Martinez, O. P.; Cain, A.; Turner, K.; Coombs, A.; Manolikos, C.; Mallal, S.	Not examining outcomes of interest
21239994	The impact of the AIDS Drug Assistance Program (ADAP) on use of highly active antiretroviral and antihypertensive therapy among HIV-infected women	J Acquir Immune Defic Syndr	Yi, T.; Cocohoba, J.; Cohen, M.; Anastos, K.; DeHovitz, J. A.; Kono, N.; Hanna, D. B.; Hessol, N. A.	Not examining outcomes of interest
18366327	The Events in Care Screening Questionnaire (ECSQ): a new tool to identify needs and concerns of people with HIV/AIDS	AIDS Patient Care STDS	Patel, S.; Weiss, E.; Chhabra, R.; Ryniker, L.; Adsuar, R.; Carness, J.; Kahalas, W.; Delamarter, C.; Feldman, I. S.; Delorenzo, J. P.; Tanner, E.; Rapkin, B.	Not examining outcomes of interest
106545923. Language:	Lipodystrophy-associated symptoms and medication adherence in HIV/AIDS	AIDS Patient Care & STDs	Corless, I. B.; Kirksey, K. M.; Kemppainen, J.; Nicholas, P. K.; McGibbon, C.; Davis, S. M.; Dolan, S.	Not examining outcomes of interest
21803164	Impact of apolipoprotein E epsilon4 and HIV on cognition and brain atrophy: antagonistic pleiotropy and premature brain aging	Neuroimage	Chang, L.; Andres, M.; Sadino, J.; Jiang, C. S.; Nakama, H.; Miller, E.; Ernst, T.	Not examining outcomes of interest
17342656	Do HIV care providers appropriately manage hepatitis B in coinfecting patients treated with antiretroviral therapy?	Clin Infect Dis	Jain, M. K.; Opio, C. K.; Osuagwu, C. C.; Pillai, R.; Keiser, P.; Lee, W. M.	Not examining outcomes of interest
19444675	HAART receipt and viral suppression among HIV-infected patients with co-occurring mental illness and illicit drug use	AIDS Care	Chander, G.; Himelhoch, S.; Fleishman, J. A.; Hellinger, J.; Gaist, P.; Moore, R. D.; Gebo, K. A.	Not examining outcomes of interest

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25958200	Strategies to uncover undiagnosed HIV infection among heterosexuals at high risk and link them to HIV care with high retention: a 'seek, test, treat, and retain' study	BMC Public Health	Gwadz, M.	Not examining outcomes of interest
22101218	Rationale, study design and sample characteristics of a randomized controlled trial of directly administered antiretroviral therapy for HIV-infected prisoners transitioning to the community - a potential conduit to improved HIV treatment outcomes	Contemp Clin Trials	Saber-Tehrani, A. S.; Springer, S. A.; Qiu, J.; Herme, M.; Wickersham, J.; Altice, F. L.	Not examining outcomes of interest
18243579	Drug use and other risk factors related to lower body mass index among HIV-infected individuals	Drug Alcohol Depend	Quach, L. A.; Wanke, C. A.; Schmid, C. H.; Gorbach, S. L.; Mwamburi, D. M.; Mayer, K. H.; Spiegelman, D.; Tang, A. M.	Not examining outcomes of interest
22003405	IL28B alleles exert an additive dose effect when applied to HCV-HIV coinfecting persons undergoing peginterferon and ribavirin therapy	PLoS One	Dayyeh, B. K.; Gupta, N.; Sherman, K. E.; de Bakker, P. I.; Chung, R. T.	Not examining outcomes of interest
22183836	Ongoing sexually transmitted disease acquisition and risk-taking behavior among US HIV-infected patients in primary care: implications for prevention interventions	Sex Transm Dis	Mayer, K. H.; Bush, T.; Henry, K.; Overton, E. T.; Hammer, J.; Richardson, J.; Wood, K.; Conley, L.; Papp, J.; Caliendo, A. M.; Patel, P.; Brooks, J. T.	Not examining outcomes of interest
19770624	Short-term ezetimibe is well tolerated and effective in combination with statin therapy to treat elevated LDL cholesterol in HIV-infected patients	Aids	Chow, D.; Chen, H.; Glesby, M. J.; Busti, A.; Souza, S.; Andersen, J.; Kohrs, S.; Wu, J.; Koletar, S. L.	Not examining outcomes of interest
16182404	Slower fibrosis progression in HIV/HCV-coinfecting patients with successful HIV suppression using antiretroviral therapy	J Hepatol	Brau, N.; Salvatore, M.; Rios-Bedoya, C. F.; Fernandez-Carbia, A.; Paronetto, F.; Rodriguez-Orengo, J. F.; Rodriguez-Torres, M.	Not examining outcomes of interest
23985908	Classical molecular tests using urine samples as a potential screening tool for human papillomavirus detection in human immunodeficiency virus-infected women	J Clin Microbiol	Munoz, M.; Camargo, M.; Soto-De Leon, S. C.; Sanchez, R.; Pineda-Pena, A. C.; Perez-Prados, A.; Patarroyo, M. E.; Patarroyo, M. A.	Not examining outcomes of interest
104177412. Language:	An International Systematic Review and Meta-analysis of Multisession Psychosocial Interventions Compared with Educational or Minimal Interventions on the HIV Sex Risk Behaviors of People Who Use Drugs	AIDS & Behavior	Meader, Nicholas; Semaan, Salaam; Halton, Marie; Bhatti, Henna; Chan, Melissa; Llewellyn, Alexis; Jarlais, Don	Not examining outcomes of interest
19998643	Disparities in antiretroviral prescribing for blacks and whites in the United States	J Natl Med Assoc	Oramasionwu, C. U.; Skinner, J.; Ryan, L.; Frei, C. R.	Not examining outcomes of interest
20070011	Access to regular HIV care and disease progression among black African immigrants	J Natl Med Assoc	Page, L. C.; Goldbaum, G.; Kent, J. B.; Buskin, S. E.	Not examining outcomes of interest
21239360	Monthly unannounced pill counts for monitoring HIV treatment adherence: tests for self-monitoring and	HIV Clin Trials	Kalichman, S. C.; Amaral, C.; Swetsze, C.; Eaton, L.; Kalichman, M. O.; Cherry, C.;	Not examining outcomes of interest

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	reactivity effects		Detorio, M.; Caliendo, A. M.; Schinazi, R. F.	
21498150	Factors associated with complete adherence to HIV combination antiretroviral therapy	HIV Clin Trials	Juday, T.; Gupta, S.; Grimm, K.; Wagner, S.; Kim, E.	Not examining outcomes of interest
24070643	Abuse and mental health concerns among HIV-infected Haitian women living in the United States	J Assoc Nurses AIDS Care	Glemaud, M.; Illa, L.; Echenique, M.; Bustamente-Avellaneda, V.; Gazabon, S.; Villar-Loubet, O.; Rodriguez, A.; Potter, J.; Messick, B.; Jayaweera, D. T.; Boulanger, C.; Kolber, M. A.	Not examining outcomes of interest
24568654	Abuse and resilience in relation to HAART medication adherence and HIV viral load among women with HIV in the United States	AIDS Patient Care STDS	Dale, S.; Cohen, M.; Weber, K.; Cruise, R.; Kelso, G.; Brody, L.	Not examining outcomes of interest
16109981	Acquired rifamycin resistance with twice-weekly treatment of HIV-related tuberculosis	Am J Respir Crit Care Med	Burman, W.; Benator, D.; Vernon, A.; Khan, A.; Jones, B.; Silva, C.; Lahart, C.; Weis, S.; King, B.; Mangura, B.; Weiner, M.; El-Sadr, W.	Not examining outcomes of interest
23195670	Comparison of functional status instruments in HIV-infected adults on effective antiretroviral therapy	HIV Clin Trials	Erlandson, K. M.; Allshouse, A. A.; Jankowski, C. M.; Duong, S.; Mawhinney, S.; Kohrt, W. M.; Campbell, T. B.	Not examining outcomes of interest
17415019	Factors affecting reproductive hormones in HIV-infected, substance-using middle-aged women	Menopause	Santoro, N.; Lo, Y.; Moskaleva, G.; Arnsten, J. H.; Floris-Moore, M.; Howard, A. A.; Adel, G.; Zeitlian, G.; Schoenbaum, E. E.	Not examining outcomes of interest
18727992	Frequency of discussing HIV prevention and care topics with patients with HIV: influence of physician gender, race/ethnicity, and practice characteristics	Gend Med	Gardner, L. I.; Metsch, L.; Strathdee, S. A.; del Rio, C.; Mahoney, P.; Holmberg, S. D.	Not examining outcomes of interest
20162495	Neurocognitive functioning in HIV-1 infection: effects of cerebrovascular risk factors and age	Clin Neuropsychol	Foley, J.; Ettenhofer, M.; Wright, M. J.; Siddiqi, I.; Choi, M.; Thames, A. D.; Mason, K.; Castellon, S.; Hinkin, C. H.	Not examining outcomes of interest
15793937	Perceived adverse effects of antiretroviral therapy	J Pain Symptom Manage	Johnson, M. O.; Charlebois, E.; Morin, S. F.; Catz, S. L.; Goldstein, R. B.; Remien, R. H.; Rotheram-Borus, M. J.; Mickalian, J. D.; Kittel, L.; Samimy-Muzaffar, F.; Lightfoot, M. A.; Gore-Felton, C.; Chesney, A.	Not examining outcomes of interest
22731608	Planning deficits in HIV-associated neurocognitive disorders: component processes, cognitive correlates, and implications for everyday functioning	J Clin Exp Neuropsychol	Cattie, J. E.; Doyle, K.; Weber, E.; Grant, I.; Woods, S. P.	Not examining outcomes of interest
22629383	Soluble and cell-associated insulin receptor dysfunction correlates with severity of HAND in HIV-infected women	PLoS One	Gerena, Y.; Skolasky, R. L.; Velez, J. M.; Toro-Nieves, D.; Mayo, R.; Nath, A.; Wojna, V.	Not examining outcomes of interest
22876739	Testing a service integration model: results from the HIV/AIDS initiative, ConnectHIV	AIDS Care	Rogers, S. J.; De Palomo, F.; Little, S. E.; Woldehanna, S.	Not examining outcomes of interest

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19050385	Trends in the incidence of cancers among HIV-infected persons and the impact of antiretroviral therapy: a 20-year cohort study	Aids	Crum-Cianflone, N.; Hullsiek, K. H.; Marconi, V.; Weintrob, A.; Ganesan, A.; Barthel, R. V.; Fraser, S.; Agan, B. K.; Wegner, S.	Not examining outcomes of interest
22781176	Antiretroviral therapy adherence and drug-drug interactions in the aging HIV population	Aids	Nachege, J. B.; Hsu, A. J.; Uthman, O. A.; Spinewine, A.; Pham, P. A.	Not examining outcomes of interest
2009-05344-007	Association of child care burden and household composition with adherence to highly active antiretroviral therapy in the Women's Interagency HIV Study	AIDS Patient Care and STDs	Merenstein, Daniel; Schneider, Michael F.; Cox, Christopher; Schwartz, Rebecca; Weber, Kathleen; Robison, Esther; Gandhi, Monica; Richardson, Jean; Plankey, Michael W.	Not examining outcomes of interest
18418794	Cigarette smoking is an independent predictor of nonadherence in HIV-infected individuals receiving highly active antiretroviral therapy	Nicotine Tob Res	Shuter, J.; Bernstein, S. L.	Not examining outcomes of interest
15793371	Correlation of a brief perceived stress measure with nonadherence to antiretroviral therapy over time	J Acquir Immune Defic Syndr	French, T.; Weiss, L.; Waters, M.; Tesoriero, J.; Finkelstein, R.; Agins, B.	Not examining outcomes of interest
109824258. Language:	Environmental Influences on HIV Medication Adherence: The Role of Neighborhood Disorder	American Journal of Public Health	Surratt, Hilary L.; Kurtz, Steven P.; Levi-Minzi, Maria A.; Minxing, Chen	Not examining outcomes of interest
106422103. Language:	Long-term adherence to first-line highly active antiretroviral therapy in a hospital-based cohort: predictors and impact on virologic response and relapse	AIDS Patient Care & STDs	Parruti, G.; Manzoli, L.; Marani Toro, P.; D'Amico, G.; Rotolo, S.; Graziani, V.; Schioppa, F.; Consorte, A.; Alterio, L.; Mariani Toro, G.; Boyle, B. A.	Not examining outcomes of interest
23918244	Methadone maintenance therapy decreases the rate of antiretroviral therapy discontinuation among HIV-positive illicit drug users	AIDS Behav	Reddon, H.; Milloy, M. J.; Simo, A.; Montaner, J.; Wood, E.; Kerr, T.	Not examining outcomes of interest
105363820. Language:	Prevalence and clinical implications of interactive toxicity beliefs regarding mixing alcohol and antiretroviral therapies among people living with HIV/AIDS	AIDS Patient Care & STDs	Kalichman, S. C.; Amaral, C. M.; White, D.; Swetsze, C.; Pope, H.; Kalichman, M. O.; Cherry, C.; Eaton, L.	Not examining outcomes of interest
22722882	Relationship of Medication Management Test-Revised (MMT-R) performance to neuropsychological functioning and antiretroviral adherence in adults with HIV	AIDS Behav	Patton, D. E.; Woods, S. P.; Franklin, D., Jr.; Cattie, J. E.; Heaton, R. K.; Collier, A. C.; Marra, C.; Clifford, D.; Gelman, B.; McArthur, J.; Morgello, S.; Simpson, D.; McCutchan, J. A.; Grant, I.	Not examining outcomes of interest
23199190	Sadness in the SUN: using computerized screening to analyze correlates of depression and adherence in HIV-infected adults in the United States	AIDS Patient Care STDs	Tedaldi, E. M.; van den Berg-Wolf, M.; Richardson, J.; Patel, P.; Durham, M.; Hammer, J.; Henry, K.; Metzler, S.; Onen, N.; Conley, L.; Wood, K.; Brooks, J. T.; Buchacz, K.	Not examining outcomes of interest
22223595	Sequential antiretroviral adherence measurement	J Int Assoc	Shuter, J.; Sarlo, J. A.; Stubbs, R. O.; Rode, R.	Not examining outcomes of

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	using electronic bottle cap monitors in a cohort of HIV-infected adults	Physicians AIDS Care (Chic)	A.; Zingman, B. S.	interest
105363824. Language:	The impact of neuropsychological functioning on adherence to HAART in HIV-infected substance abuse patients	AIDS Patient Care & STDs	Applebaum, A. J.; Reilly, L. C.; Gonzalez, J. S.; Richardson, M. A.; Leveroni, C. L.; Safren, S. A.	Not examining outcomes of interest
19260772	Utilization of medical treatments and adherence to antiretroviral therapy among HIV-positive adults with histories of childhood sexual abuse	AIDS Patient Care STDS	Meade, C. S.; Hansen, N. B.; Kochman, A.; Sikkema, K. J.	Not examining outcomes of interest
106521802. Language:	Patient-clinician relationships and treatment system effects on HIV medication adherence	AIDS & Behavior	Ingersoll, K. S.; Heckman, C. J.	Not examining outcomes of interest
106440668. Language:	Supportive relationships and medication adherence in HIV-infected, low-income Latinos	Western Journal of Nursing Research	van Servellen, G.; Lombardi, E.	Not examining outcomes of interest
106471557. Language:	To take or not to take: decision-making about antiretroviral treatment in people living with HIV/AIDS	AIDS Patient Care & STDs	Kremer, H.; Ironson, G.; Schneiderman, N.; Hautzinger, M.	Not examining outcomes of interest
17449216	HIV seropositive drug users' attitudes towards partner notification (PCRS): results from the SHIELD study in Baltimore, Maryland	Patient Educ Couns	Tobin, K. E.; Muessig, K. E.; Latkin, C. A.	Not examining outcomes of interest
24500175	Factors associated with delayed hepatitis B viral suppression on tenofovir among patients coinfectd with HBV-HIV in the CNICS cohort	J Acquir Immune Defic Syndr	Kim, H. N.; Rodriguez, C. V.; Van Rompaey, S.; Eron, J. J.; Thio, C. L.; Crane, H. M.; Overton, E. T.; Saag, M. S.; Martin, J.; Geng, E.; Mugavero, M.; Rodriguez, B.; Mathews, W. C.; Boswell, S.; Moore, R.; Kitahata, M. M.	Not examining outcomes of interest
23382997	Frailty, HIV infection, and mortality in an aging cohort of injection drug users	PLoS One	Piggott, D. A.; Muzaale, A. D.; Mehta, S. H.; Brown, T. T.; Patel, K. V.; Leng, S. X.; Kirk, G. D.	Not examining outcomes of interest
24831517	HIV-infected individuals with low CD4/CD8 ratio despite effective antiretroviral therapy exhibit altered T cell subsets, heightened CD8+ T cell activation, and increased risk of non-AIDS morbidity and mortality	PLoS Pathog	Serrano-Villar, S.; Sainz, T.; Lee, S. A.; Hunt, P. W.; Sinclair, E.; Shacklett, B. L.; Ferre, A. L.; Hayes, T. L.; Somsouk, M.; Hsue, P. Y.; Van Natta, M. L.; Meinert, C. L.; Lederman, M. M.; Hatano, H.; Jain, V.; Huang, Y.; Hecht, F. M.; Martin, J. N.; McCune, J. M.; Moreno, S.; Deeks, S. G.	Not examining outcomes of interest
16199396	HIV-risk factors for midlife and older women	Gerontologist	Neundorfer, M. M.; Harris, P. B.; Britton, P. J.; Lynch, D. A.	Not examining outcomes of interest
19410107	Is intimate partner violence associated with HIV infection among women in the United States?	Gen Hosp Psychiatry	Sareen, J.; Pagura, J.; Grant, B.	Not examining outcomes of interest

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17031318	Late diagnosis of HIV infection: trends, prevalence, and characteristics of persons whose HIV diagnosis occurred within 12 months of developing AIDS	J Acquir Immune Defic Syndr	Schwarcz, S.; Hsu, L.; Dilley, J. W.; Loeb, L.; Nelson, K.; Boyd, S.	Not examining outcomes of interest
19564517	Demographic variations in HIV testing history among emergency department patients: implications for HIV screening in US emergency departments	J Med Screen	Merchant, R. C.; Catanzaro, B. M.; Seage, G. R., 3rd; Mayer, K. H.; Clark, M. A.; Degruittola, V. G.; Becker, B. M.	Not examining outcomes of interest
20546501	The impact of HIV/HCV co-infection on health care utilization and disability: results of the ACTG Longitudinal Linked Randomized Trials (ALLRT) Cohort	J Viral Hepat	Linas, B. P.; Wang, B.; Smurzynski, M.; Losina, E.; Bosch, R. J.; Schackman, B. R.; Rong, J.; Sax, P. E.; Walensky, R. P.; Schouten, J.; Freedberg, K. A.	Not examining outcomes of interest
22937064	Comparison and temporal trends of three groups with cryptococcosis: HIV-infected, solid organ transplant, and HIV-negative/non-transplant	PLoS One	Bratton, E. W.; El Hussein, N.; Chastain, C. A.; Lee, M. S.; Poole, C.; Sturmer, T.; Juliano, J. J.; Weber, D. J.; Perfect, J. R.	Not examining outcomes of interest
16006210	Aiming for more relevant HIV risk reduction: a black feminist perspective for enhancing HIV intervention for low-income African American women	AIDS Educ Prev	Gentry, Q. M.; Elifson, K.; Sterk, C.	Not examining outcomes of interest
107911187. Language:	Medication errors in HIV-infected hospitalized patients: a pharmacist's impact	Annals of Pharmacotherapy	Eginger, Kristin H.; Yarborough, Laura L.; Inge, Lisa DeVito; Basile, Sharon A.; Floresca, Donald; Aaronson, Patrick M.	Not examining outcomes of interest
24410324	Gender moderates the influence of psychosocial factors and drug use on HAART adherence in the context of HIV and childhood sexual abuse	AIDS Care	Wilson, S. M.; Sikkema, K. J.; Ranby, K. W.	Not examining outcomes of interest
23763417	Substance use among HIV-infected patients engaged in primary care in the United States: findings from the Centers for AIDS Research Network of Integrated Clinical Systems cohort	Am J Public Health	Mimiaga, M. J.; Reisner, S. L.; Grasso, C.; Crane, H. M.; Safren, S. A.; Kitahata, M. M.; Schumacher, J. E.; Mathews, W. C.; Mayer, K. H.	Not examining outcomes of interest
21934446	Genital warts and vulvar intraepithelial neoplasia: natural history and effects of treatment and human immunodeficiency virus infection	Obstet Gynecol	Massad, L. S.; Xie, X.; Darragh, T.; Minkoff, H.; Levine, A. M.; Watts, D. H.; Wright, R. L.; D'Souza, G.; Colie, C.; Strickler, H. D.	Not examining outcomes of interest
21390537	Are smokers with HIV using information and communication technology? Implications for behavioral interventions	AIDS Behav	Chander, G.; Stanton, C.; Hutton, H. E.; Abrams, D. B.; Pearson, J.; Knowlton, A.; Latkin, C.; Holtgrave, D.; Moore, R. D.; Niaura, R.	Not examining outcomes of interest
20039804	Risk of myocardial infarction in patients with HIV infection exposed to specific individual antiretroviral drugs from the 3 major drug classes: the data collection on adverse events of anti-HIV drugs (D:A:D) study	J Infect Dis	Worm, S. W.; Sabin, C.; Weber, R.; Reiss, P.; El-Sadr, W.; Dabis, F.; De Wit, S.; Law, M.; Monforte, A. D.; Friis-Moller, N.; Kirk, O.; Fontas, E.; Weller, I.; Phillips, A.; Lundgren, J.	Not examining outcomes of interest
21135328	A marginal structural model to estimate the causal	Arch Gen	Tsai, A. C.; Weiser, S. D.; Petersen, M. L.;	Not examining outcomes of



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	effect of antidepressant medication treatment on viral suppression among homeless and marginally housed persons with HIV	Psychiatry	Ragland, K.; Kushel, M. B.; Bangsberg, D. R.	interest
107863130. Language:	The Relationship Between CAM Use and Adherence to Antiretroviral Therapies Among Persons Living With HIV	Health Psychology	Littlewood, Rae A.; Venable, Peter A.	Not examining outcomes of interest
21286827	Patterns of exchange sex and HIV infection in high-risk heterosexual men and women	J Urban Health	Jenness, S. M.; Kobrak, P.; Wendel, T.; Neaigus, A.; Murrill, C. S.; Hagan, H.	Not examining outcomes of interest
16758423	Bacterial pneumonia, HIV therapy, and disease progression among HIV-infected women in the HIV epidemiologic research (HER) study	Clin Infect Dis	Kohli, R.; Lo, Y.; Homel, P.; Flanigan, T. P.; Gardner, L. I.; Howard, A. A.; Rompalo, A. M.; Moskaleva, G.; Schuman, P.; Schoenbaum, E. E.	Not examining outcomes of interest
26215529	Prevalence of cirrhosis in hepatitis C patients in the Chronic Hepatitis Cohort Study (CHeCS): a retrospective and prospective observational study	Am J Gastroenterol	Gordon, S. C.; Lamerato, L. E.; Rupp, L. B.; Holmberg, S. D.; Moorman, A. C.; Spradling, P. R.; Teshale, E.; Xu, F.; Boscarino, J. A.; Vijayadeva, V.; Schmidt, M. A.; Oja-Tebbe, N.; Lu, M.	Not examining outcomes of interest
23305257	Co-morbidities in persons infected with HIV: increased burden with older age and negative effects on health-related quality of life	AIDS Patient Care STDS	Rodriguez-Penney, A. T.; Iudicello, J. E.; Riggs, P. K.; Doyle, K.; Ellis, R. J.; Letendre, S. L.; Grant, I.; Woods, S. P.	Not examining outcomes of interest
23892238	Comparative effectiveness of fish oil versus fenofibrate, gemfibrozil, and atorvastatin on lowering triglyceride levels among HIV-infected patients in routine clinical care	J Acquir Immune Defic Syndr	Munoz, M. A.; Liu, W.; Delaney, J. A.; Brown, E.; Mugavero, M. J.; Mathews, W. C.; Napravnik, S.; Willig, J. H.; Eron, J. J.; Hunt, P. W.; Kahn, J. O.; Saag, M. S.; Kitahata, M. M.; Crane, H. M.	Not examining outcomes of interest
19287303	Effects of long-term testosterone administration in HIV-infected women: a randomized, placebo-controlled trial	Aids	Dolan Looby, S. E.; Collins, M.; Lee, H.; Grinspoon, S.	Not examining outcomes of interest
21317600	Improving adherence to HIV quality of care indicators in persons with opioid dependence: the role of buprenorphine	J Acquir Immune Defic Syndr	Korthuis, P. T.; Fiellin, D. A.; Fu, R.; Lum, P. J.; Altice, F. L.; Sohler, N.; Tozzi, M. J.; Asch, S. M.; Botsko, M.; Fishl, M.; Flanigan, T. P.; Boverman, J.; McCarty, D.	Not examining outcomes of interest
17179770	Reduction in triglyceride level with N-3 polyunsaturated fatty acids in HIV-infected patients taking potent antiretroviral therapy: a randomized prospective study	J Acquir Immune Defic Syndr	De Truchis, P.; Kirstetter, M.; Perier, A.; Meunier, C.; Zucman, D.; Force, G.; Doll, J.; Katlama, C.; Rozenbaum, W.; Masson, H.; Gardette, J.; Melchior, J. C.	Not examining outcomes of interest
17083026	Risk of cardiovascular disease in a cohort of HIV-infected adults: a study using carotid intima-media thickness and coronary artery calcium score	Clin Infect Dis	Mangili, A.; Gerrior, J.; Tang, A. M.; O'Leary, D. H.; Polak, J. K.; Schaefer, E. J.; Gorbach, S. L.; Wanke, C. A.	Not examining outcomes of interest
25192745	Simeprevir (TMC435) with pegylated	Clin Infect Dis	Dieterich, D.; Rockstroh, J. K.; Orkin, C.;	Not examining outcomes of

PubMed ID	Title	Journal	Authors	Reason for exclusion
	interferon/ribavirin in patients coinfectd with HCV genotype 1 and HIV-1: a phase 3 study		Gutierrez, F.; Klein, M. B.; Reynes, J.; Shukla, U.; Jenkins, A.; Lenz, O.; Ouwkerk-Mahadevan, S.; Peeters, M.; De La Rosa, G.; Tambuyzer, L.; Jessner, W.	interest
25754980	Structural Bone Deficits in HIV/HCV-Coinfected, HCV-Monoinfected, and HIV-Monoinfected Women	J Infect Dis	Lo Re, V., 3rd; Lynn, K.; Stumm, E. R.; Long, J.; Nezamzadeh, M. S.; Baker, J. F.; Hoofnagle, A. N.; Kapalko, A. J.; Mounzer, K.; Zemel, B. S.; Tebas, P.; Kostman, J. R.; Leonard, M. B.	Not examining outcomes of interest
23795312	The effects of extended release niacin on lipoprotein sub-particle concentrations in HIV-infected patients	Hawaii J Med Public Health	Lin, C.; Grandinetti, A.; Shikuma, C.; Souza, S.; Parikh, N.; Nakamoto, B.; Kallianpur, K. J.; Chow, D.	Not examining outcomes of interest
17703710	The relationship between lifetime abuse and suicidal ideation in a sample of injection drug users	J Psychoactive Drugs	Lloyd, J. J.; Ricketts, E. P.; Havens, J. R.; Cornelius, L. J.; Bishai, D.; Huettner, S.; Latkin, C.; Strathdee, S. A.	Not examining outcomes of interest
2014-00386-005	Aging, antiretrovirals, and adherence: A meta analysis of adherence among older HIV-infected individuals	Drugs & Aging	Ghidei, Luwam; Simone, Mark J.; Salow, Marci J.; Zimmerman, Kristin M.; Paquin, Allison M.; Skarf, Lara M.; Kostas, Tia R. M.; Rudolph, James L.	Not examining outcomes of interest
24457115	Transient increment of HTLV-2 proviral load in HIV-1-co-infected patients during treatment intensification with raltegravir	J Clin Virol	Abad-Fernandez, M.; Cabrera, C.; Garcia, E.; Vallejo, A.	Not examining outcomes of interest
21220772	T cell activation and senescence predict subclinical carotid artery disease in HIV-infected women	J Infect Dis	Kaplan, R. C.; Sinclair, E.; Landay, A. L.; Lurain, N.; Sharrett, A. R.; Gange, S. J.; Xue, X.; Hunt, P.; Karim, R.; Kern, D. M.; Hodis, H. N.; Deeks, S. G.	Not examining outcomes of interest
15767199	Suicide risk and mental health indicators: Do they differ by abuse and HIV status?	Womens Health Issues	Gielen, A. C.; McDonnell, K. A.; O'Campo, P. J.; Burke, J. G.	Not examining outcomes of interest
16716848	Safety, efficacy, and tolerability of nelfinavir-containing antiretroviral therapy for patients coinfectd with HIV and hepatitis C undergoing methadone maintenance	J Subst Abuse Treat	Brown, L. S., Jr.; Kritz, S.; Chu, M.; Madray, C.	Not examining outcomes of interest
23362285	Early versus delayed antiretroviral therapy and cerebrospinal fluid fungal clearance in adults with HIV and cryptococcal meningitis	Clin Infect Dis	Bisson, G. P.; Molefi, M.; Bellamy, S.; Thakur, R.; Steenhoff, A.; Tamuhla, N.; Rantleru, T.; Tsimako, I.; Gluckman, S.; Ravimohan, S.; Weissman, D.; Tebas, P.	Not examining outcomes of interest
21048934	IL28B SNP rs8099917 is strongly associated with pegylated interferon-alpha and ribavirin therapy treatment failure in HCV/HIV-1 coinfectd patients	PLoS One	Aparicio, E.; Parera, M.; Franco, S.; Perez-Alvarez, N.; Tural, C.; Clotet, B.; Martinez, M. A.	Not examining outcomes of interest
24752996	Persistent viremia in human immunodeficiency virus/hepatitis B coinfectd patients undergoing long-	Hepatology	Boyd, A.; Gozlan, J.; Maylin, S.; Delaugerre, C.; Peytavin, G.; Girard, P. M.; Zoulim, F.;	Not examining outcomes of interest

PubMed ID	Title	Journal	Authors	Reason for exclusion
	term tenofovir: virological and clinical implications		Lacombe, K.	
21831304	Antihyperlipidemic effects of Pleurotus ostreatus (oyster mushrooms) in HIV-infected individuals taking antiretroviral therapy	BMC Complement Altern Med	Abrams, D. I.; Couey, P.; Shade, S. B.; Kelly, M. E.; Kamanu-Elias, N.; Stamets, P.	Not examining outcomes of interest
16313290	Clinical outcomes of first antiretroviral regimen in HIV/hepatitis C virus co-infection	HIV Med	Cooper, C. L.; Breau, C.; Laroche, A.; Lee, C.; Garber, G.	Not examining outcomes of interest
25403718	Healthcare costs associated with antiretroviral adherence among medicaid patients	Appl Health Econ Health Policy	Pruitt, Z.; Robst, J.; Langland-Orban, B.; Brooks, R. G.	Not examining outcomes of interest
23806058	Antiviral regimen complexity index as an independent predictor of sustained virologic response in patients with chronic hepatitis C	J Manag Care Pharm	Galan, R. J.; Cidoncha, E. C.; Martin, M. F.; Rodriguez, C. C.; Almeida, C. V.; Verdugo, R. M.	Not examining outcomes of interest
22643470	Disparities in HIV-treatment responses between Haitians, African Americans, and Hispanics living in Miami-Dade County, Florida	J Health Care Poor Underserved	Colasanti, J.; Nguyen, L.; Kiem, J. T.; Deeb, K.; Jayaweera, D.	Not examining outcomes of interest
23121723	Focus on increasing treatment self-efficacy to improve human immunodeficiency virus treatment adherence	J Nurs Scholarsh	Nokes, K.; Johnson, M. O.; Webel, A.; Rose, C. D.; Phillips, J. C.; Sullivan, K.; Tyer-Viola, L.; Rivero-Mendez, M.; Nicholas, P.; Kemppainen, J.; Sefcik, E.; Chen, W. T.; Brion, J.; Eller, L.; Kirksey, K.; Wantland, D.; Portillo, C.; Corless, I. B.; Voss, J.; Iipinge, S.; Spellmann, M.; Holzemer, W. L.	Not examining outcomes of interest
24872131	Increase in CD4 count among new enrollees in HIV care in the modern antiretroviral therapy era	J Acquir Immune Defic Syndr	Haines, C. F.; Fleishman, J. A.; Yehia, B. R.; Berry, S. A.; Moore, R. D.; Bamford, L. P.; Gebo, K. A.	Not examining outcomes of interest
18338961	Influence of prior antiretroviral experience on adherence and responses to new highly active antiretroviral therapy regimens	AIDS Patient Care STDS	Horberg, M.; Silverberg, M.; Hurley, L.; Delorenze, G.; Quesenberry, C.	Not examining outcomes of interest
24330207	Medication adherence feedback intervention predicts improved human immunodeficiency virus clinical markers	Int J Nurs Pract	Reich, W. A.	Not examining outcomes of interest
16044004	The association of race, sociodemographic, and behavioral characteristics with response to highly active antiretroviral therapy in women	J Acquir Immune Defic Syndr	Anastos, K.; Schneider, M. F.; Gange, S. J.; Minkoff, H.; Greenblatt, R. M.; Feldman, J.; Levine, A.; Delapenha, R.; Cohen, M.	Not examining outcomes of interest
18320045	Overestimates of survival after HAART: implications for global scale-up efforts	PLoS One	Bisson, G. P.; Gaolathe, T.; Gross, R.; Rollins, C.; Bellamy, S.; Mogorosi, M.; Avalos, A.; Friedman, H.; Dickinson, D.; Frank, I.; Ndwapi, N.	Not examining outcomes of interest
19555288	Treatment responses in antiretroviral treatment-naive	Clin Infect Dis	Patterson, K. B.; Cohn, S. E.; Uyanik, J.;	Not examining outcomes of

PubMed ID	Title	Journal	Authors	Reason for exclusion
	premenopausal and postmenopausal HIV-1-infected women: an analysis from AIDS Clinical Trials Group Studies		Hughes, M.; Smurzynski, M.; Eron, J. J.	interest
15949070	The adherence to antiretroviral treatment evaluated from a hospital pharmacy: importance of the protease inhibitors pharmacological class	Int J STD AIDS	Rubio, M.; Pedeboscq, S.; Ekouevi, D.; Zalabadi, K.; Chene, G.; Bonarek, M.; Pometan, J. P.	Not examining outcomes of interest
23388678	Association between risk behaviors and antiretroviral resistance in HIV-infected patients receiving opioid agonist treatment	J Addict Med	Tetrault, J. M.; Kozal, M. J.; Chiarella, J.; Sullivan, L. E.; Dinh, A. T.; Fiellin, D. A.	Not examining outcomes of interest
17505918	Complementary and alternative medicine use decreases adherence to HAART in HIV-positive women	AIDS Care	Owen-Smith, A.; Diclemente, R.; Wingood, G.	Not examining outcomes of interest
25407085	HIV and aging: insights from the Asia Pacific HIV Observational Database (APHOD)	HIV Med	Han, N.; Wright, S. T.; O'Connor, C. C.; Hoy, J.; Ponnampalavanar, S.; Grotowski, M.; Zhao, H. X.; Kamarulzaman, A.	Not examining outcomes of interest
22767342	Patterns of antiretroviral therapy adherence and impact on HIV RNA among patients in North America	Aids	Genberg, B. L.; Wilson, I. B.; Bangsberg, D. R.; Arnsten, J.; Goggin, K.; Remien, R. H.; Simoni, J.; Gross, R.; Reynolds, N.; Rosen, M.; Liu, H.	Not examining outcomes of interest
21297425	Persistence of HIV-associated cognitive impairment, inflammation, and neuronal injury in era of highly active antiretroviral treatment	Aids	Harezlak, J.; Buchthal, S.; Taylor, M.; Schifitto, G.; Zhong, J.; Daar, E.; Alger, J.; Singer, E.; Campbell, T.; Yiannoutsos, C.; Cohen, R.; Navia, B.	Not examining outcomes of interest
25772053	Rural-urban differences in HIV viral loads and progression to AIDS among new HIV cases	South Med J	Weissman, S.; Duffus, W. A.; Iyer, M.; Chakraborty, H.; Samantapudi, A. V.; Albrecht, H.	Not examining outcomes of interest
107933738. Language:	Predictors of program attendance for a group based HIV/AIDS self-management program	Communicating Nursing Research	Sullivan, K. M.; Inouye, J.; Nigg, C.	Not published (abstract/thesis)
2008-99220-131	An ethnography study of HIV positive midlife Black women		Stoudmire, Charlotte	Not published (abstract/thesis)
105209663. Language:	Boredom in recovery for adult substance users with HIV/AIDS attending an urban day treatment program	Occupational Therapy in Mental Health	Corvinnelli, A.	Not published (abstract/thesis)
2015-99060-098	Retention in care among vulnerable hiv-positive populations: The impact of socio-contextual factors		McDoom-Echebiri, Mahada Maya	Not published (abstract/thesis)
2015-99140-173	Women's HIV Prevention Study (WHIPS): A proposal to pilot test an HIV intervention for older African American women living with HIV		Cherry, Charsey	Not published (abstract/thesis)
2013-99140-142	Factors associated with antiretroviral therapy nonadherence in older adults with HIV		McCoy, Katryna Floyd	Not published (abstract/thesis)

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2007-99017-126	The effects of group mental health intervention on adherence to medication, for people with hiv and aids		Freedman, Diane E.	Not published (abstract/thesis)
2005-99010-165	Impact of HIV/AIDS on health-related quality of life in women fifty and older: A qualitative study	NA	Durham, Doris	Not published (abstract/thesis)
106189023. Language:	Women's choice of strategies for improving utilization of HIV/AIDS screening services	Health Care for Women International	Ikorok, M. M.; Akpabio, , II	Not relevant
18773797	Domestic violence shelters as prevention agents for HIV/AIDS?	Health Soc Work	Rountree, M. A.; Pomeroy, E. C.; Marsiglia, F. F.	Not relevant
18160376	The SISTA pilot project: understanding the training and technical assistance needs of community-based organizations implementing HIV prevention interventions for African American women--implications for a capacity building strategy	Women Health	Fuller, T. R.; Brown, M.; King, W.; Prather, C.; Cazaubon, J.; Mack, J.; Russell, B.	Not relevant
107910901. Language:	Human immunodeficiency virus and menopause	Menopause (10723714)	Kanapathipillai, Rupa; Hickey, Martha; Giles, Michelle	Not relevant
23188480	Videos to influence: a systematic review of effectiveness of video-based education in modifying health behaviors	Journal of Behavioral Medicine	Tuong, William; Larsen, Elizabeth; Armstrong, April	Not relevant
17109360	Recurrence of symptomatic bacterial vaginosis 12 months after oral metronidazole therapy in HIV-positive and -negative women	Journal of Infectious Diseases	Myer, L.; Kuhn, L.; Denny, L.; Wright, T. C., Jr.	Not relevant
15812617	Use of electronic monitoring devices to measure antiretroviral adherence: practical considerations	AIDS Behav	Bova, C. A.; Fennie, K. P.; Knaf, G. J.; Dieckhaus, K. D.; Watrous, E.; Williams, A. B.	Not relevant
22267016	Retention in care of adults and adolescents living with HIV in 13 U.S. areas	J Acquir Immune Defic Syndr	Hall, H. I.; Gray, K. M.; Tang, T.; Li, J.; Shouse, L.; Mermin, J.	Not relevant
20632080	Predicting adherence to antiretroviral therapy in HIV-infected older adults: the moderating role of gender	AIDS Behav	Bianco, J. A.; Heckman, T. G.; Sutton, M.; Watakakosol, R.; Lovejoy, T.	Not relevant
22930794	Choosing sides: HIV health care practices among shared populations of HIV-positive Latinos living near the US-Mexico border	J Int Assoc Physicians AIDS Care (Chic)	Servin, A. E.; Munoz, F. A.; Strathdee, S. A.; Kozo, J.; Zuniga, M. L.	Not relevant
16808754	Is the quality of the patient-provider relationship associated with better adherence and health outcomes for patients with HIV?	J Gen Intern Med	Beach, M. C.; Keruly, J.; Moore, R. D.	Not relevant
24769625	The potential for elimination of racial-ethnic disparities in HIV treatment initiation in the Medicaid population among 14 southern states	PLoS One	Zhang, S.; McGoy, S. L.; Dawes, D.; Fransua, M.; Rust, G.; Satcher, D.	Not relevant

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24037440	Understanding the revolving door: individual and structural-level predictors of recidivism among individuals with HIV leaving jail	AIDS Behav	Fu, J. J.; Herme, M.; Wickersham, J. A.; Zelenev, A.; Althoff, A.; Zaller, N. D.; Bazazi, A. R.; Avery, A. K.; Porterfield, J.; Jordan, A. O.; Simon-Levine, D.; Lyman, M.; Altice, F. L.	Not relevant
24032625	HIV medication adherence and HIV symptom severity: the roles of sleep quality and memory	AIDS Patient Care STDS	Babson, K. A.; Heinz, A. J.; Bonn-Miller, M. O.	Not relevant
25211735	The influence of race and comorbidity on the timely initiation of antiretroviral therapy among older persons living with HIV/AIDS	Am J Public Health	Abara, W. E.; Smith, L.; Zhang, S.; Fairchild, A. J.; Heiman, H. J.; Rust, G.	Not relevant
15764956	A comparison of the clinical and cost-effectiveness of 3 intervention strategies for AIDS wasting	J Acquir Immune Defic Syndr	Shevitz, A. H.; Wilson, I. B.; McDermott, A. Y.; Spiegelman, D.; Skinner, S. C.; Antonsson, K.; Layne, J. E.; Beaton-Blaakman, A.; Shepard, D. S.; Gorbach, S. L.	Not relevant
18346000	Disparities in the provision of sexually transmitted disease and pregnancy testing and prophylaxis for sexually assaulted women in Rhode Island emergency departments	J Womens Health (Larchmt)	Merchant, R. C.; Phillips, B. Z.; Delong, A. K.; Mayer, K. H.; Becker, B. M.	Not relevant
17949723	Mediating roles of medication-taking self-efficacy and depressive symptoms on self-reported medication adherence in persons with HIV: a questionnaire survey	Int J Nurs Stud	Cha, E.; Erlen, J. A.; Kim, K. H.; Sereika, S. M.; Caruthers, D.	Not relevant
17761583	Black--White Mortality From HIV in the United States Before and After Introduction of Highly Active Antiretroviral Therapy in 1996	American Journal of Public Health	Levine, Robert S.; Briggs, Nathaniel C.; Kilbourne, Barbara S.; King, William D.; Fry-Johnson, Yvonne; Baltrus, Peter T.; Husaini, Baqar A.; Rust, George S.	Not relevant
2013-99220-330	Exploration of coping strategies in older, community dwelling, HIV positive individuals in baltimore		DeGrazia, Mary G.	Not relevant
21492004	Mastery and Coping Moderate the Negative Effect of Acute and Chronic Stressors on Mental Health-Related Quality of Life in HIV	AIDS Patient Care & STDs	Gibson, Katherine; Rueda, Sergio; Rourke, Sean B.; Bekele, Tsegaye; Gardner, Sandra; Fenta, Haile; Hart,; the Ohtn Cohort Study, Trevor A.	Not relevant
19472058	Simultaneous recruitment of drug users and men who have sex with men in the United States and Russia using respondent-driven sampling: sampling methods and implications	J Urban Health	Iguchi, M. Y.; Ober, A. J.; Berry, S. H.; Fain, T.; Heckathorn, D. D.; Gorbach, P. M.; Heimer, R.; Kozlov, A.; Ouellet, L. J.; Shoptaw, S.; Zule, W. A.	Not relevant
15718323	Profile of patients with Kaposi's sarcoma in the era of highly active antiretroviral therapy	J Clin Oncol	Gallafent, J. H.; Buskin, S. E.; De Turk, P. B.; Aboulafia, D. M.	Not relevant
22872432	Norms, attitudes, and sex behaviors among women with incarcerated main partners	J Urban Health	Davey-Rothwell, M. A.; Villarroel, M. A.; Grieb, S. D.; Latkin, C. A.	Not relevant
24746376	Smoking cessation and recidivism in the Women's	Am J Prev Med	Hessol, N. A.; Weber, K. M.; D'Souza, G.;	Not relevant

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	Interagency Human Immunodeficiency Virus Study		Burton, D.; Young, M.; Milam, J.; Murchison, L.; Gandhi, M.; Cohen, M. H.	
17053854	Safe syringe disposal is related to safe syringe access among HIV-positive injection drug users	AIDS Behav	Coffin, P. O.; Latka, M. H.; Latkin, C.; Wu, Y.; Purcell, D. W.; Metsch, L.; Gomez, C.; Gourevitch, M. N.	Not relevant
24654969	Assessing the overall quality of health care in persons living with HIV in an urban environment	AIDS Patient Care STDS	Keller, S. C.; Yehia, B. R.; Momplaisir, F. O.; Eberhart, M. G.; Share, A.; Brady, K. A.	Not relevant
20215618	Clinical implications of stigma in HIV/AIDS and other sexually transmitted infections	Int J STD AIDS	Neal, T. M.; Lichtenstein, B.; Brodsky, S. L.	Not relevant
18176324	Consistency of initial antiretroviral therapy with HIV treatment guidelines in a US cohort of HIV-infected women	J Acquir Immune Defic Syndr	Cocohoba, J.; Wang, Q. J.; Cox, C.; Gange, S. J.; Cohen, M.; Glesby, M.; DeHovitz, J. A.; Greenblatt, R. M.	Not relevant
20154577	Factors associated with delayed entry into primary HIV medical care after HIV diagnosis	Aids	Bamford, L. P.; Ehrenkranz, P. D.; Eberhart, M. G.; Shpaner, M.; Brady, K. A.	Not relevant
18021029	HIV-positive smokers considering quitting: differences by race/ethnicity	Am J Health Behav	Lloyd-Richardson, E. E.; Stanton, C. A.; Papandonatos, G. D.; Betancourt, R. M.; Stein, M.; Tashima, K.; Morrow, K.; Niaura, R.	Not relevant
19128494	Inpatient charges among HIV/AIDS patients in Rhode Island from 2000-2004	BMC Health Serv Res	Barbour, K. E.; Fabio, A.; Pearlman, D. N.	Not relevant
24602364	Interest in quitting and lifetime quit attempts among smokers living with HIV infection	Drug Alcohol Depend	Pacek, L. R.; Latkin, C.; Crum, R. M.; Stuart, E. A.; Knowlton, A. R.	Not relevant
23011397	Measuring retention in HIV care: the elusive gold standard	J Acquir Immune Defic Syndr	Mugavero, M. J.; Westfall, A. O.; Zinski, A.; Davila, J.; Drainoni, M. L.; Gardner, L. I.; Keruly, J. C.; Malitz, F.; Marks, G.; Metsch, L.; Wilson, T. E.; Giordano, T. P.	Not relevant
110568088. Language:	Medication-Taking Practices of Patients on Antiretroviral HIV Therapy: Control, Power, and Intentionality	AIDS Patient Care & STDs		Not relevant
24502460	Predictors of medication adherence among HIV-positive women in North America	J Obstet Gynecol Neonatal Nurs	Tyer-Viola, L. A.; Corless, I. B.; Webel, A.; Reid, P.; Sullivan, K. M.; Nichols, P.	Not relevant
20220123	Reciprocal prediction of medication adherence and neurocognition in HIV/AIDS	Neurology	Ettenhofer, M. L.; Foley, J.; Castellon, S. A.; Hinkin, C. H.	Not relevant
20668976	Self-reevaluation as a critical component in sustained viral load change for HIV+ adults with alcohol problems	Ann Behav Med	Longmire-Avital, B.; Golub, S. A.; Parsons, J. T.	Not relevant
26180958	Sex-Related Disparities in Criminal Justice and HIV Treatment Outcomes: A Retrospective Cohort Study of HIV-Infected Inmates	Am J Public Health	Meyer, J. P.; Cepeda, J.; Taxman, F. S.; Altice, F. L.	Not relevant

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17919094	Social support, coping, and medication adherence among HIV-positive women with depression living in rural areas of the southeastern United States	AIDS Patient Care STDS	Vyavaharkar, M.; Moneyham, L.; Tavakoli, A.; Phillips, K. D.; Murdaugh, C.; Jackson, K.; Meding, G.	Not relevant
18089265	The association between body image and smoking cessation among individuals living with HIV/AIDS	Body Image	Fingeret, M. C.; Vidrine, D. J.; Arduino, R. C.; Gritz, E. R.	Not relevant
19454401	The influence of different types of alcoholic beverages on disrupting highly active antiretroviral treatment (HAART) outcome	Alcohol Alcohol	Miguez-Burbano, M. J.; Lewis, J. E.; Fishman, J.; Asthana, D.; Malow, R. M.	Not relevant
17588200	The role of self-efficacy in HIV treatment adherence: validation of the HIV Treatment Adherence Self-Efficacy Scale (HIV-ASES)	J Behav Med	Johnson, M. O.; Neilands, T. B.; Dilworth, S. E.; Morin, S. F.; Remien, R. H.; Chesney, M. A.	Not relevant
106463262. Language:	HIV-related stigma among persons attending an urban HIV clinic	Journal of Multicultural Nursing & Health (JMCNH)	Relf, M. V.; Mallinson, K.; Pawlowski, L.; Dolan, K.; Dekker, D.	Not relevant
20821903	Summary health statistics for U.S. adults: National Health Interview Survey, 2008	Vital Health Stat 10	Pleis, J. R.; Lucas, J. W.; Ward, B. W.	Not relevant
22834228	Summary health statistics for U.S. adults: National Health Interview Survey, 2010	Vital Health Stat 10	Schiller, J. S.; Lucas, J. W.; Ward, B. W.; Peregoy, J. A.	Not relevant
24326608	Discontinuation of antiretroviral therapy among adults receiving HIV care in the United States	J Acquir Immune Defic Syndr	Hughes, A. J.; Mattson, C. L.; Scheer, S.; Beer, L.; Skarbinski, J.	Not relevant
24326606	Increase in single-tablet regimen use and associated improvements in adherence-related outcomes in HIV-infected women	J Acquir Immune Defic Syndr	Hanna, D. B.; Hessol, N. A.; Golub, E. T.; Cocohoba, J. M.; Cohen, M. H.; Levine, A. M.; Wilson, T. E.; Young, M.; Anastos, K.; Kaplan, R. C.	Not relevant
17806060	Pillbox organizers are associated with improved adherence to HIV antiretroviral therapy and viral suppression: a marginal structural model analysis	Clin Infect Dis	Petersen, M. L.; Wang, Y.; van der Laan, M. J.; Guzman, D.; Riley, E.; Bangsberg, D. R.	Not relevant
16176890	Adherence to combined Lamivudine + Zidovudine versus individual components: a community-based retrospective medicaid claims analysis	AIDS Care	Legorreta, A.; Yu, A.; Chernicoff, H.; Gilmore, A.; Jordan, J.; Rosenzweig, J. C.	Not relevant
21507924	Atazanavir concentration in hair is the strongest predictor of outcomes on antiretroviral therapy	Clin Infect Dis	Gandhi, M.; Ameli, N.; Bacchetti, P.; Anastos, K.; Gange, S. J.; Minkoff, H.; Young, M.; Milam, J.; Cohen, M. H.; Sharp, G. B.; Huang, Y.; Greenblatt, R. M.	Not relevant
104030036. Language:	Antimicrobial Stewardship Program to Reduce Antiretroviral Medication Errors in Hospitalized	Infection Control &	Sanders, Jamie; Pallotta, Andrea; Bauer, Seth; Sekeres, Jennifer; Davis, Ramona; Taege,	Not relevant



PubMed ID	Title	Journal	Authors	Reason for exclusion
	Patients with Human Immunodeficiency Virus Infection	Hospital Epidemiology	Alan; Neuner, Elizabeth	
10455466. Language:	Development of Evidence-Based Exercise Recommendations for Older HIV-Infected Patients	JANAC: Journal of the Association of Nurses in AIDS Care	Yahiaoui, Anella	Not relevant
24385651	Data harmonization process for creating the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Atlas	Public Health Rep	Elmore, K.; Nelson, R.; Gant, Z.; Jeffries, C.; Broeker, L.; Mirabito, M.; Roberts, H.	Not relevant
2013-99200-183	HIV/AIDS knowledge, attitudes, condom use self-efficacy, and sexual risk behavior among older Haitian Americans		Beauvil, Victor	Not relevant
106392781. Language:	Symptom status, medication adherence, and quality of life in HIV disease	Journal of Hospice & Palliative Nursing	Corless, I. B.	Not relevant
2015-99080-293	Gender power and hiv-related sexual risk behavior in older african american women		Smith, Tanyka K.	Not relevant
2014-99220-496	Stigma and quality of life in african american women living with hiv infection through the lens of intersectionality		Kaihura, Alphoncina John	Not relevant
17434845	Pilot study of a novel short-cycle antiretroviral treatment interruption strategy: 48-week results of the five-days-on, two-days-off (FOTO) study	HIV Clin Trials	Cohen, C. J.; Colson, A. E.; Sheble-Hall, A. G.; McLaughlin, K. A.; Morse, G. D.	Not relevant
18547903	Randomization to once-daily stavudine extended release/lamivudine/efavirenz versus a more frequent regimen improves adherence while maintaining viral suppression	HIV Clin Trials	Boyle, B. A.; Jayaweera, D.; Witt, M. D.; Grimm, K.; Maa, J. F.; Seekins, D. W.	Not relevant
18547905	Virologic success in an urban HIV clinic: outcome at 12 months in patients who were HAART naive	HIV Clin Trials	Blanchard, E.; Klibanov, O. M.; Axelrod, P.; Palermo, B.; Samuel, R.	Not relevant
18753116	Evaluation of efficacy, safety, pharmacokinetics, and adherence in HIV-1-infected, antiretroviral-naive patients treated with ritonavir-boosted atazanavir plus fixed-dose tenofovir DF/emtricitabine given once daily	HIV Clin Trials	Elion, R.; Cohen, C.; Ward, D.; Ruane, P.; Ortiz, R.; Reddy, Y. S.; Ebrahimi, R.; McColl, D.; Kearney, B.; Fisher, A.; Flaherty, J.	Not relevant
19430094	Risk factors for loss of virological suppression in patients receiving lopinavir/ritonavir monotherapy for maintenance of HIV suppression	Antivir Ther	Pulido, F.; Perez-Valero, I.; Delgado, R.; Arranz, A.; Pasquau, J.; Portilla, J.; Rubio, R.; Gonzalez-Garcia, J.; Miralles, P.; Perez-Elias, M. J.; Ocampo, A.; Hernando, A.; Estrada, V.; Clotet, B.; Podzamczar, D.; Arribas, J. R.	Not relevant
20677050	The challenges of seeking and receiving support for	Health	Peterson, J. L.	Not relevant

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	women living with HIV	Commun		
21631425	Long-term Medication Adherence in Patients Receiving Antiretroviral Drug Therapy	Curr HIV Res	Preininger, L.; Cantwell-McNelis, K.; James, C.; Sullivan, M. C.; Szabo, S.; Bincsik, A.	Not relevant
22970926	Adherence and persistence with non-nucleoside reverse transcriptase inhibitor-based antiretroviral regimens	Expert Opin Pharmacother	Taneja, C.; Juday, T.; Gertzog, L.; Edelsberg, J.; Correll, T.; Hebden, T.; Oster, G.	Not relevant
24518212	Durability of the first antiretroviral treatment regimen and reasons for change in patients with HIV infection	HIV Clin Trials	De La Torre-Lima, J.; Aguilar, A.; Santos, J.; Jimenez-Onate, F.; Marcos, M.; Nunez, V.; Olalla, J.; Del Arco, A.; Prada, J. L.	Not relevant
25062078	Concurrent use of comedications reduces adherence to antiretroviral therapy among HIV-infected patients	J Manag Care Spec Pharm	Cantudo-Cuenca, M. R.; Jimenez-Galan, R.; Almeida-Gonzalez, C. V.; Morillo-Verdugo, R.	Not relevant
26356739	Late HIV Testing in a Cohort of HIV-Infected Patients in Puerto Rico	P R Health Sci J	Tossas-Milligan, K. Y.; Hunter-Mellado, R. F.; Mayor, A. M.; Fernandez-Santos, D. M.; Dworkin, M. S.	Not relevant
103968430. Language:	CLINICAL. Comparison Between Guideline-Preferred and Nonpreferred First-Line HIV Antiretroviral Therapy	American Journal of Managed Care	Johnston, Stephen S.; Juday, Timothy; Farr, Amanda M.; Bong-Chul, Chu; Hebden, Tony	Not relevant
104040364. Language:	A Five-Step Process for Interactive Parent-Adolescent Communication About HIV Prevention: Advice From Parents Living With HIV/AIDS	Journal of HIV/AIDS & Social Services	Edwards, Laura L.; Reis, Janet S.	Not relevant
105775699. Language:	Bridging research to practice. Psychosocial factors associated with disclosure of HIV positive serostatus: understanding the influence of depression and social support	Journal of HIV/AIDS & Social Services	Gore-Felton, C.; Power, R.; Durán, R.; Sarlati, S.; Palmer, L.; Koopman, C.; Israelski, D.; Porter, J.; Spiegel, D.	Not relevant
103765863. Language:	History of Traumatic Events in HIV-Positive Individuals: Risk Behavior Implications in an Urban Clinic Setting	Journal of HIV/AIDS & Social Services	Raja, Sheela; Holland, Christine; Du Bois, Steve N.; McKirnan, David; Allgood, Kristi L.; Glick, Nancy	Not relevant
16315378	A comparison of the sociodemographic, risk-behavior, and substance-abuse profile of young vs older HIV-infected Puerto Rican patients	Ethn Dis	Fernandez, D. M.; Gomez Mde, L.; Figueroa, W.; Velazquez, M.; Baez, D. V.; Rios-Olivares, E.; Hunter, R. F.	Not relevant
19007720	Down low sex, older African American women, and HIV infection	JANAC: Journal of the Association of Nurses in AIDS Care	Whyte, James; Whyte, Maria D.; Cormier, Eileen	Not relevant
16831787	The role of family caregivers in HIV medication adherence	AIDS Care	Beals, K. P.; Wight, R. G.; Aneshensel, C. S.; Murphy, D. A.; Miller-Martinez, D.	Not relevant
25211596	A forgotten population: older adults with newly	AIDS Patient	Ellman, T. M.; Sexton, M. E.; Warshafsky, D.;	Not relevant

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	diagnosed HIV	Care STDS	Sobieszczyk, M. E.; Morrison, E. A.	
19386970	A novel use of AIDS surveillance data to assess the impact of initial treatment regimen on survival	Int J STD AIDS	Chen, S. Y.; Moss, W. J.; Pipkin, S. S.; McFarland, W.	Not relevant
21104007	A post-trial assessment of factors influencing study drug adherence in a randomized biomedical HIV-1 prevention trial	AIDS Behav	Jacob, S. T.; Baeten, J. M.; Hughes, J. P.; Peinado, J.; Wang, J.; Sanchez, J.; Reid, S. E.; Delany-Moretlwe, S.; Cowan, F.; Fuchs, J. D.; Koblin, B.; Griffith, S.; Wald, A.; Celum, C.	Not relevant
16719607	A Social Problem-Solving Model of Adherence to HIV Medications	Health Psychol	Johnson, M. O.; Elliott, T. R.; Neilands, T. B.; Morin, S. F.; Chesney, M. A.	Not relevant
18260802	A ten-year analysis of the incidence and risk factors for acute pancreatitis requiring hospitalization in an urban HIV clinical cohort	AIDS Patient Care STDS	Riedel, D. J.; Gebo, K. A.; Moore, R. D.; Lucas, G. M.	Not relevant
22384040	Adherence to antiretroviral treatment and correlation with risk of hospitalization among commercially insured HIV patients in the United States	PLoS One	Sax, P. E.; Meyers, J. L.; Mugavero, M.; Davis, K. L.	Not relevant
18482946	AIDS stigma among inmates and staff in a USA state prison	Int J STD AIDS	Derlega, V. J.; Winstead, B. A.; Brockington, J. E., Jr.	Not relevant
22579434	An investigation of the possible interaction between the use of Vitamin C and highly active antiretroviral therapy (HAART) adherence and effectiveness in treated HIV+ women	Complement Ther Med	Merenstein, D.; Wang, C.; Gandhi, M.; Robison, E.; Levine, A. M.; Schwartz, R. M.; Weber, K. M.; Liu, C.	Not relevant
19542863	Association of abacavir and impaired endothelial function in treated and suppressed HIV-infected patients	Aids	Hsue, P. Y.; Hunt, P. W.; Wu, Y.; Schnell, A.; Ho, J. E.; Hatano, H.; Xie, Y.; Martin, J. N.; Ganz, P.; Deeks, S. G.	Not relevant
19910347	Association of race, substance abuse, and health insurance coverage with use of highly active antiretroviral therapy among HIV-infected women, 2005	Am J Public Health	Lillie-Blanton, M.; Stone, V. E.; Snow Jones, A.; Levi, J.; Golub, E. T.; Cohen, M. H.; Hessol, N. A.; Wilson, T. E.	Not relevant
17693895	Associations between recent gender-based violence and pregnancy, sexually transmitted infections, condom use practices, and negotiation of sexual practices among HIV-positive women	J Acquir Immune Defic Syndr	Lang, D. L.; Salazar, L. F.; Wingood, G. M.; DiClemente, R. J.; Mikhail, I.	Not relevant
22994586	Cardiovascular risk factors and carotid intima-media thickness are associated with lower cognitive performance in HIV-infected patients	HIV Med	Fabbiani, M.; Ciccarelli, N.; Tana, M.; Farina, S.; Baldonero, E.; Di Cristo, V.; Colafigli, M.; Tamburrini, E.; Cauda, R.; Silveri, M. C.; Grima, P.; Di Giambenedetto, S.	Not relevant
25369333	CD161+ MAIT cells are severely reduced in peripheral blood and lymph nodes of HIV-infected individuals independently of disease progression	PLoS One	Eberhard, J. M.; Hartjen, P.; Kummer, S.; Schmidt, R. E.; Bockhorn, M.; Lehmann, C.; Balagopal, A.; Hauber, J.; van Lunzen, J.	Not relevant

PubMed ID	Title	Journal	Authors	Reason for exclusion
			Schulze zur Wiesch, J.	
18095838	Concurrent HIV/AIDS diagnosis increases the risk of short-term HIV-related death among persons newly diagnosed with AIDS, 2002-2005	AIDS Patient Care STDS	Hanna, D. B.; Pfeiffer, M. R.; Torian, L. V.; Sackoff, J. E.	Not relevant
24646419	Correlates of antiretroviral adherence and viral load among transgender women living with HIV	AIDS Care	Sevelius, J. M.; Saberi, P.; Johnson, M. O.	Not relevant
24093715	Depressive symptoms, self-esteem, HIV symptom management self-efficacy and self-compassion in people living with HIV	AIDS Care	Eller, L. S.; Rivero-Mendez, M.; Voss, J.; Chen, W. T.; Chaiphilbalsarisdi, P.; Ipinge, S.; Johnson, M. O.; Portillo, C. J.; Corless, I. B.; Sullivan, K.; Tyer-Viola, L.; Kemppainen, J.; Rose, C. D.; Sefcik, E.; Nokes, K.; Phillips, J. C.; Kirksey, K.; Nicholas, P. K.; Wantland, D.; Holzemer, W. L.; Webel, A. R.; Brion, J. M.	Not relevant
21973307	Depressive symptoms, substance use, and HIV-related high-risk behaviors among opioid-dependent individuals: results from the Clinical Trials Network	Subst Use Misuse	Pilowsky, D. J.; Wu, L. T.; Burchett, B.; Blazer, D. G.; Ling, W.	Not relevant
19015925	Disparities in reported reasons for not initiating or stopping antiretroviral treatment among a diverse sample of persons living with HIV	J Gen Intern Med	Johnson, M. O.; Chesney, M. A.; Neilands, T. B.; Dilworth, S. E.; Remien, R. H.; Weinhardt, L. S.; Wong, F. L.; Morin, S. F.	Not relevant
17697855	Does distress tolerance moderate the impact of major life events on psychosocial variables and behaviors important in the management of HIV?	Behav Ther	O'Cleirigh, C.; Ironson, G.; Smits, J. A.	Not relevant
24415784	Effect of 24 weeks of statin therapy on systemic and vascular inflammation in HIV-infected subjects receiving antiretroviral therapy	J Infect Dis	Eckard, A. R.; Jiang, Y.; Debanne, S. M.; Funderburg, N. T.; McComsey, G. A.	Not relevant
18058416	Factors associated with altered pharmacokinetics in substance users and non-substance users receiving lopinavir and atazanavir	Am J Addict	Higgins, N.; Zingman, B. S.; Shish, J.; Reichman, R. C.; Fischl, M. A.; Gripshover, B.; Tooley, K.; Boston, N.; Forrest, A.; Brazeau, D.; Catanzaro, L. M.; DiFrancesco, R.; Lliguicota, F.; Ma, Q.; Morse, G. D.	Not relevant
21380494	Factors associated with quality of life among rural women with HIV disease	AIDS Behav	Vyavaharkar, M.; Moneyham, L.; Murdaugh, C.; Tavakoli, A.	Not relevant
19644748	Food insecurity among homeless and marginally housed individuals living with HIV/AIDS in San Francisco	AIDS Behav	Weiser, S. D.; Bangsberg, D. R.; Kegeles, S.; Ragland, K.; Kushel, M. B.; Frongillo, E. A.	Not relevant
22293432	Genetic diversity of recently acquired and prevalent HIV, hepatitis B virus, and hepatitis C virus infections in US blood donors	J Infect Dis	Delwart, E.; Slikas, E.; Stramer, S. L.; Kamel, H.; Kessler, D.; Krysztof, D.; Tobler, L. H.; Carrick, D. M.; Steele, W.; Todd, D.; Wright, D. J.; Kleinman, S. H.; Busch, M. P.	Not relevant

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24755434	Gut epithelial barrier dysfunction and innate immune activation predict mortality in treated HIV infection	J Infect Dis	Hunt, P. W.; Sinclair, E.; Rodriguez, B.; Shive, C.; Clagett, B.; Funderburg, N.; Robinson, J.; Huang, Y.; Epling, L.; Martin, J. N.; Deeks, S. G.; Meinert, C. L.; Van Natta, M. L.; Jabs, D. A.; Lederman, M. M.	Not relevant
20419478	Health and treatment implications of food insufficiency among people living with HIV/AIDS, Atlanta, Georgia	J Urban Health	Kalichman, S. C.; Cherry, C.; Amaral, C.; White, D.; Kalichman, M. O.; Pope, H.; Swetsze, C.; Jones, M.; Macy, R.	Not relevant
21446785	Health needs of HIV-infected women in the United States: insights from the women living positive survey	AIDS Patient Care STDS	Squires, K. E.; Hodder, S. L.; Feinberg, J.; Bridge, D. A.; Abrams, S.; Storer, S. P.; Aberg, J. A.	Not relevant
19617816	HIV patients with psychiatric disorders are less likely to discontinue HAART	Aids	Himelhoch, S.; Brown, C. H.; Walkup, J.; Chander, G.; Korthius, P. T.; Afful, J.; Gebo, K. A.	Not relevant
21779954	HIV risk behaviors of male and female jail inmates prior to incarceration and one year post-release	AIDS Behav	Adams, L. M.; Kendall, S.; Smith, A.; Quigley, E.; Stuewig, J. B.; Tangney, J. P.	Not relevant
17460469	HIV-infected patients receiving lopinavir/ritonavir-based antiretroviral therapy achieve high rates of virologic suppression despite adherence rates less than 95%	J Acquir Immune Defic Syndr	Shuter, J.; Sarlo, J. A.; Kanmaz, T. J.; Rode, R. A.; Zingman, B. S.	Not relevant
18243580	HIV-positive patients' discussion of alcohol use with their HIV primary care providers	Drug Alcohol Depend	Metsch, L. R.; Pereyra, M.; Colfax, G.; Dawson-Rose, C.; Cardenas, G.; McKirnan, D.; Eroglu, D.	Not relevant
22694717	HIV, aging, and advance care planning: are we successfully planning for the future?	J Palliat Med	Erlandson, K. M.; Allshouse, A. A.; Duong, S.; MaWhinney, S.; Kohrt, W. M.; Campbell, T. B.	Not relevant
16433106	HIV/AIDS patient satisfaction with hospitalization in the era of highly active antiretroviral therapy	J Assoc Nurses AIDS Care	Wolosin, R. J.	Not relevant
25512624	Hospitalization Rates and Reasons Among HIV Elite Controllers and Persons With Medically Controlled HIV Infection	J Infect Dis	Crowell, T. A.; Gebo, K. A.; Blankson, J. N.; Korthuis, P. T.; Yehia, B. R.; Rutstein, R. M.; Moore, R. D.; Sharp, V.; Nijhawan, A. E.; Mathews, W. C.; Hanau, L. H.; Corales, R. B.; Beil, R.; Somboonwit, C.; Edelstein, H.; Allen, S. L.; Berry, S. A.	Not relevant
24630627	I should know better': the roles of relationships, spirituality, disclosure, stigma, and shame for older women living with HIV seeking support in the South	J Assoc Nurses AIDS Care	Grodensky, C. A.; Golin, C. E.; Jones, C.; Mamo, M.; Dennis, A. C.; Abernethy, M. G.; Patterson, K. B.	Not relevant
19537953	Impact of cigarette smoking on mortality in HIV-positive and HIV-negative veterans	AIDS Educ Prev	Crothers, K.; Goulet, J. L.; Rodriguez-Barradas, M. C.; Gibert, C. L.; Oursler, K. A.; Goetz, M.	Not relevant

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			B.; Crystal, S.; Leaf, D. A.; Butt, A. A.; Braithwaite, R. S.; Peck, R.; Justice, A. C.	
24473489	Incidence of transmitted antiretroviral drug resistance in treatment-naive HIV-1-infected persons in a large South Central United States clinic	Ann Pharmacother	Kleyn, T. J.; Liedtke, M. D.; Harrison, D. L.; Lockhart, S. M.; Salvaggio, M. R.; Ripley, T. L.; Rathbun, R. C.	Not relevant
20104122	Incident depression symptoms are associated with poorer HAART adherence: a longitudinal analysis from the Nutrition for Healthy Living study	J Acquir Immune Defic Syndr	Kacanek, D.; Jacobson, D. L.; Spiegelman, D.; Wanke, C.; Isaac, R.; Wilson, I. B.	Not relevant
16686082	Initial testing of the Antiretroviral Medication Complexity Index	J Assoc Nurses AIDS Care	Dilorio, C.; McDonnell, M.; McCarty, F.; Yeager, K.	Not relevant
22612519	Intimate partner violence: a predictor of worse HIV outcomes and engagement in care	AIDS Patient Care STDS	Schafer, K. R.; Brant, J.; Gupta, S.; Thorpe, J.; Winstead-Derlega, C.; Pinkerton, R.; Laughon, K.; Ingersoll, K.; Dillingham, R.	Not relevant
15798384	Knowledge of structured treatment interruption and adherence to antiretroviral therapy	AIDS Patient Care STDS	Acri, T.; Coco, A.; Lin, K.; Johnson, R.; Eckert, P.	Not relevant
19487952	Liver stiffness as a predictor of esophageal varices requiring therapy in HIV/hepatitis C virus-coinfected patients with cirrhosis	J Acquir Immune Defic Syndr	Pineda, J. A.; Recio, E.; Camacho, A.; Macias, J.; Almodovar, C.; Gonzalez-Serrano, M.; Merino, D.; Tellez, F.; Rios, M. J.; Rivero, A.	Not relevant
19519230	Low levels of adherence to antiretroviral therapy in HIV-1-infected women with menstrual disorders	AIDS Patient Care STDS	Fumaz, C. R.; Munoz-Moreno, J. A.; Ferrer, M. J.; Negrodo, E.; Perez-Alvarez, N.; Tarrats, A.; Clotet, B.	Not relevant
25344521	Lymphoid fibrosis occurs in long-term nonprogressors and persists with antiretroviral therapy but may be reversible with curative interventions	J Infect Dis	Sanchez, J. L.; Hunt, P. W.; Reilly, C. S.; Hatano, H.; Beilman, G. J.; Khoruts, A.; Jasurda, J. S.; Somsouk, M.; Thorkelson, A.; Russ, S.; Anderson, J.; Deeks, S. G.; Schacker, T. W.	Not relevant
25139003	Magnetic resonance imaging evaluation of lipodystrophy in HIV-positive patients receiving highly active antiretroviral therapy	Int J STD AIDS	Eichler, K.	Not relevant
15608523	Marijuana use and its association with adherence to antiretroviral therapy among HIV-infected persons with moderate to severe nausea	J Acquir Immune Defic Syndr	de Jong, B. C.; Prentiss, D.; McFarland, W.; Machezano, R.; Israelski, D. M.	Not relevant
25856875	Measuring health literacy among people living with HIV who attend a community-based ambulatory clinic in Puerto Rico	P R Health Sci J		Not relevant
16304456	Medicare part D and antiretroviral therapy: issues for HIV clinicians	Top HIV Med	Cheever, L. W.; Vienna, M. R.	Not relevant
25027465	Monitoring retention in care: using multiple laboratory	AIDS Care	Firth, C. L.; Schafer, S. D.; Greene, K.	Not relevant

PubMed ID	Title	Journal	Authors	Reason for exclusion
	tests as an indicator for HIV medical care			
20579905	Multi-dimensional risk factor patterns associated with non-use of highly active antiretroviral therapy among human immunodeficiency virus-infected women	Womens Health Issues	Jones, A. S.; Lillie-Blanton, M.; Stone, V. E.; Ip, E. H.; Zhang, Q.; Wilson, T. E.; Cohen, M. H.; Golub, E. T.; Hessel, N. A.	Not relevant
21950530	National estimates of the characteristics of individuals infected with HIV who are likely to report and receive treatment for painful bleeding gums	Spec Care Dentist	Sy, A. A.; Freed, B. A.; Chau, F. K.; Marcus, M.	Not relevant
18754703	Networks of older New Yorkers with HIV: fragility, resilience, and transformation	AIDS Patient Care STDS	Poindexter, C.; Shippy, R. A.	Not relevant
21391011	Normative data and validation of a regression based summary score for assessing meaningful neuropsychological change	J Clin Exp Neuropsychol	Cysique, L. A.; Franklin, D., Jr.; Abramson, I.; Ellis, R. J.; Letendre, S.; Collier, A.; Clifford, D.; Gelman, B.; McArthur, J.; Morgello, S.; Simpson, D.; McCutchan, J. A.; Grant, I.; Heaton, R. K.	Not relevant
22775237	Operationalizing treatment as prevention in Los Angeles County: antiretroviral therapy use and factors associated with unsuppressed viral load in the Ryan White system of care	AIDS Patient Care STDS	Sayles, J. N.; Rurangirwa, J.; Kim, M.; Kinsler, J.; Oruga, R.; Janson, M.	Not relevant
19875634	Overload: impact of incident stressful events on antiretroviral medication adherence and virologic failure in a longitudinal, multisite human immunodeficiency virus cohort study	Psychosom Med	Mugavero, M. J.; Raper, J. L.; Reif, S.; Whetten, K.; Leserman, J.; Thielman, N. M.; Pence, B. W.	Not relevant
24984142	Pain treatment and antiretroviral medication adherence among vulnerable HIV-positive patients	AIDS Patient Care STDS	Surratt, H. L.; Kurtz, S. P.; Levi-Minzi, M. A.; Cicero, T. J.; Tsuyuki, K.; O'Grady, C. L.	Not relevant
23995296	Parks as a tool for HIV management	J Int Assoc Provid AIDS Care	Shacham, E.; Hipp, J. A.; Scheuermann, M.; Onen, N.; Overton, E. T.	Not relevant
16310615	Patient reports of symptoms and their treatment at three palliative care projects servicing individuals with HIV/AIDS	J Pain Symptom Manage	Karus, D.; Raveis, V. H.; Alexander, C.; Hanna, B.; Selwyn, P.; Marconi, K.; Higginson, I.	Not relevant
24099510	Perspectives of middle-aged African-American women in the Deep South on antiretroviral therapy adherence	AIDS Care	DeMoss, M.; Bonney, L.; Grant, J.; Klein, R.; del Rio, C.; Barker, J. C.	Not relevant
23907506	Poly-tobacco use among HIV-positive smokers: implications for smoking cessation efforts	Nicotine Tob Res	Tami-Maury, I.; Vidrine, D. J.; Fletcher, F. E.; Danysh, H.; Arduino, R.; Gritz, E. R.	Not relevant
17109679	Pretreatment assessment and predictors of hepatitis C virus treatment in US veterans coinfecting with HIV and hepatitis C virus	J Viral Hepat	Backus, L. I.; Boothroyd, D. B.; Phillips, B. R.; Mole, L. A.	Not relevant
23307396	Primary care provider cultural competence and racial disparities in HIV care and outcomes	J Gen Intern Med	Saha, S.; Korthuis, P. T.; Cohn, J. A.; Sharp, V. L.; Moore, R. D.; Beach, M. C.	Not relevant

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23391684	Problems and processes in medical encounters: the cases method of dialogue analysis	Patient Educ Couns	Laws, M. B.; Taubin, T.; Bezreh, T.; Lee, Y.; Beach, M. C.; Wilson, I. B.	Not relevant
22426597	Recent trauma is associated with antiretroviral failure and HIV transmission risk behavior among HIV-positive women and female-identified transgenders	AIDS Behav	Machtiger, E. L.; Haberer, J. E.; Wilson, T. C.; Weiss, D. S.	Not relevant
21556960	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies	J Neurovirol	Tate, D. F.; Sampat, M.; Harezlak, J.; Fiecas, M.; Hogan, J.; Dewey, J.; McCaffrey, D.; Branson, D.; Russell, T.; Conley, J.; Taylor, M.; Schifitto, G.; Zhong, J.; Daar, E. S.; Alger, J.; Brown, M.; Singer, E.; Campbell, T.; McMahon, D.; Tso, Y.; Matesan, J.; Letendre, S.; Paulose, S.; Gaugh, M.; Tripoli, C.; Yiannoutsos, C.; Bigler, E. D.; Cohen, R. A.; Guttmann, C. R.; Navia, B.	Not relevant
24668135	Relationship of vitamin D, HIV, HIV treatment, and lipid levels in the Women's Interagency HIV Study of HIV-infected and uninfected women in the United States	J Int Assoc Provid AIDS Care	Schwartz, J. B.; Moore, K. L.; Yin, M.; Sharma, A.; Merenstein, D.; Islam, T.; Golub, E. T.; Tien, P. C.; Adeyemi, O. M.	Not relevant
19788344	Retention and attendance of women enrolled in a large prospective study of HIV-1 in the United States	J Womens Health (Larchmt)	Hessol, N. A.; Weber, K. M.; Holman, S.; Robison, E.; Goparaju, L.; Alden, C. B.; Kono, N.; Watts, D. H.; Ameli, N.	Not relevant
23111572	Risk factors for hospitalization and medical intensive care unit (MICU) admission among HIV-infected Veterans	J Acquir Immune Defic Syndr	Akgun, K. M.; Gordon, K.; Pisani, M.; Fried, T.; McGinnis, K. A.; Tate, J. P.; Butt, A. A.; Gibert, C. L.; Huang, L.; Rodriguez-Barradas, M. C.; Rimland, D.; Justice, A. C.; Crothers, K.	Not relevant
22589421	Safety of varenicline among smokers enrolled in the lung HIV study	Nicotine Tob Res	Ferketich, A. K.; Diaz, P.; Browning, K. K.; Lu, B.; Koletar, S. L.; Reynolds, N. R.; Wewers, M. E.	Not relevant
22772666	Semantic cueing improves category verbal fluency in persons living with HIV infection	J Neuropsychiatry Clin Neurosci	Iudicello, J. E.; Kellogg, E. J.; Weber, E.; Smith, C.; Grant, I.; Drane, D. L.; Woods, S. P.	Not relevant
23807068	Sex disparities in overall burden of disease among HIV-infected individuals in the Veterans Affairs healthcare system	J Gen Intern Med	Blackstock, O. J.; Tate, J. P.; Akgun, K. M.; Crystal, S.; Duggal, M.; Edelman, E. J.; Gibert, C. L.; Gordon, K. S.; Rimland, D.; Rodriguez-Barradas, M. C.; Wang, E. A.; Fiellin, D. A.; Justice, A. C.	Not relevant
16080454	Sexual behaviors and condom use of HIV-infected men and women of color attending a treatment and care clinic	J Natl Med Assoc	Absalon, J.; Della-Latta, P.; Wu, F.; El-Sadr, W. M.	Not relevant
18260803	Sexually active HIV-positive patients frequently report	AIDS Patient	Schackman, B. R.; Dastur, Z.; Ni, Q.; Callahan,	Not relevant



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	never using condoms in audio computer-assisted self-interviews conducted at routine clinical visits	Care STDS	M. A.; Berger, J.; Rubin, D. S.	
19032064	Short-term discontinuation of HAART regimens more common in vulnerable patient populations	AIDS Res Hum Retroviruses	Robison, L. S.; Westfall, A. O.; Mugavero, M. J.; Kempf, M. C.; Cole, S. R.; Allison, J. J.; Willig, J. H.; Raper, J. L.; Wilcox, C. M.; Saag, M. S.	Not relevant
22516847	Short-term garlic supplementation and highly active antiretroviral treatment adherence, CD4+ cell counts, and human immunodeficiency virus viral load	Altern Ther Health Med	Liu, C.; Wang, C.; Robison, E.; Levine, A. M.; Gandhi, M.; Schwartz, R.; Weber, K. M.; Merenstein, D.	Not relevant
20724677	Smoking-related health risks among persons with HIV in the Strategies for Management of Antiretroviral Therapy clinical trial	Am J Public Health	Lifson, A. R.; Neuhaus, J.; Arribas, J. R.; van den Berg-Wolf, M.; Labriola, A. M.; Read, T. R.	Not relevant
21692576	Social context of rural Women with HIV/AIDS	Issues Ment Health Nurs	Phillips, K. D.; Moneyham, L.; Thomas, S. P.; Gunther, M.; Vyavaharkar, M.	Not relevant
20876195	Spontaneous strategy use protects against visual working memory deficits in older adults infected with HIV	Arch Clin Neuropsychol	Woods, S. P.; Weber, E.; Cameron, M. V.; Dawson, M. S.; Delano-Wood, L.; Bondi, M. W.; Grant, I.	Not relevant
25375099	Strong agreement of nationally recommended retention measures from the Institute of Medicine and Department of Health and Human Services	PLoS One	Rebeiro, P. F.; Horberg, M. A.; Gange, S. J.; Gebo, K. A.; Yehia, B. R.; Brooks, J. T.; Buchacz, K.; Silverberg, M. J.; Gill, J.; Moore, R. D.; Althoff, K. N.	Not relevant
25514125	Structural and sociocultural factors associated with cervical cancer screening among HIV-infected African American women in Alabama	AIDS Patient Care STDS	Williams, M.; Moneyham, L.; Kempf, M. C.; Chamot, E.; Scarinci, I.	Not relevant
25397666	Substance abuse, violence, and HIV/AIDS (SAVA) syndemic effects on viral suppression among HIV positive women of color	AIDS Patient Care STDS	Sullivan, K. A.; Messer, L. C.; Quinlivan, E. B.	Not relevant
23008124	Substance use predictors of poor medication adherence: the role of substance use coping among HIV-infected patients in opioid dependence treatment	AIDS Behav	Gonzalez, A.; Mimiaga, M. J.; Israel, J.; Andres Bedoya, C.; Safren, S. A.	Not relevant
25719828	Switch to maraviroc/raltegravir dual therapy leads to an unfavorable immune profile with low-level HIV viremia	Aids	Campillo-Gimenez, L.	Not relevant
21317595	The impact of cocaine use on outcomes in HIV-infected patients receiving buprenorphine/naloxone	J Acquir Immune Defic Syndr	Sullivan, L. E.; Botsko, M.; Cunningham, C. O.; O'Connor, P. G.; Hersh, D.; Mitty, J.; Lum, P. J.; Schottenfeld, R. S.; Fiellin, D. A.	Not relevant
23756102	The impact of neurobehavioral features on medication adherence in HIV: evidence from longitudinal models	AIDS Care	Panos, S. E.; Del Re, A. C.; Thames, A. D.; Arentsen, T. J.; Patel, S. M.; Castellon, S. A.; Singer, E. J.; Hinkin, C. H.	Not relevant
21262311	The influence of human leukocyte antigen class I	Hum Immunol	Lazaryan, A.; Song, W.; Lobashevsky, E.;	Not relevant

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	alleles and their population frequencies on human immunodeficiency virus type 1 control among African Americans		Tang, J.; Shrestha, S.; Zhang, K.; McNicholl, J. M.; Gardner, L. I.; Wilson, C. M.; Klein, R. S.; Rompalo, A.; Mayer, K.; Sobel, J.; Kaslow, R. A.	
19128527	Timing is everything: antiretroviral nonadherence is associated with impairment in time-based prospective memory	J Int Neuropsychol Soc	Woods, S. P.; Dawson, M. S.; Weber, E.; Gibson, S.; Grant, I.; Atkinson, J. H.	Not relevant
19704170	Transmitted antiretroviral drug resistance among acute and recent HIV infections in North Carolina from 1998 to 2007	Antivir Ther	Hurt, C. B.; McCoy, S. I.; Kuruc, J.; Nelson, J. A.; Kerkau, M.; Fiscus, S.; McGee, K.; Sebastian, J.; Leone, P.; Pilcher, C.; Hicks, C.; Eron, J.	Not relevant
19845473	Trends in multidrug treatment failure and subsequent mortality among antiretroviral therapy-experienced patients with HIV infection in North America	Clin Infect Dis	Deeks, S. G.; Gange, S. J.; Kitahata, M. M.; Saag, M. S.; Justice, A. C.; Hogg, R. S.; Eron, J. J.; Brooks, J. T.; Rourke, S. B.; Gill, M. J.; Bosch, R. J.; Benson, C. A.; Collier, A. C.; Martin, J. N.; Klein, M. B.; Jacobson, L. P.; Rodriguez, B.; Sterling, T. R.; Kirk, G. D.; Napravnik, S.; Rachlis, A. R.; Calzavara, L. M.; Horberg, M. A.; Silverberg, M. J.; Gebo, K. A.; Kushel, M. B.; Goedert, J. J.; McKaig, R. G.; Moore, R. D.	Not relevant
18420773	Understanding hope in the face of an HIV diagnosis and high-risk behaviors	J Health Psychol	Harris, G. E.; Larsen, D.	Not relevant
20091340	Work-related barriers and facilitators to antiretroviral therapy adherence in persons living with HIV infection	AIDS Behav	Torres-Madriz, G.; Lerner, D.; Ruthazer, R.; Rogers, W. H.; Wilson, I. B.	Not relevant
15741706	A socioeconomic profile of older adults with HIV	Journal of Health Care for the Poor & Underserved	Joyce, G. F.; Goldman, D. P.; Liebowitz, A. A.; Alpert, A.; Bao, Y.	Not relevant
23799874	Aging with HIV and disability: The role of uncertainty	AIDS Care	Solomon, Patricia; O'Brien, Kelly; Wilkins, Seanne; Gervais, Nicole	Not relevant
22380472	Association between prescription cost sharing and adherence to initial combination antiretroviral therapy in commercially insured antiretroviral-naive patients with HIV	J Manag Care Pharm	Johnston, S. S.; Juday, T.; Seekins, D.; Espindle, D.; Chu, B. C.	Not relevant
17012091	Body image in middle-aged HIV-infected and uninfected women	AIDS Care	Sharma, A.; Howard, A. A.; Schoenbaum, E. E.; Buono, D.; Webber, M. P.	Not relevant
16107946	CD4 lymphocyte percentage predicts disease progression in HIV-infected patients initiating highly	Journal of Infectious	Hulgan, T.; Raffanti, S.; Kheshti, A.; Blackwell, R. B.; Rebeiro, P. F.; Barkanic, G.; Ritz, B.;	Not relevant

PubMed ID	Title	Journal	Authors	Reason for exclusion
	active antiretroviral therapy with CD4 lymphocyte counts >350 lymphocytes/mm3	Diseases	Sterling, T. R.	
23927911	Does Social Isolation Predict Hospitalization and Mortality Among HIV+ and Uninfected Older Veterans?	Journal of the American Geriatrics Society	Greysen, S. Ryan	Not relevant
17083502	How do patients with HIV/AIDS understand and respond to health value questions?	J Gen Intern Med	Sherman, S. N.; Mrus, J. M.; Yi, M. S.; Feinberg, J.; Tsevat, J.	Not relevant
16971286	Limitations in knowledge of HIV transmission among HIV-positive patients accessing case management services in a resource-poor setting	AIDS Care	Smith Fawzi, M. C.; Jagannathan, P.; Cabral, J.; Banares, R.; Salazar, J.; Farmer, P.; Behforouz, H.	Not relevant
25933048	THE USE OF SELF-MANAGED TREATMENT STRATEGIES IN A PREDOMINANTLY LOW-INCOME, AFRICAN-AMERICAN SAMPLE OF WOMEN LIVING WITH HIV	Psychol Rep	Houston, E.; Osborn, A.	Not relevant
26044289	Mortality Risk After AIDS-Defining Opportunistic Illness Among HIV-Infected Persons--San Francisco, 1981-2012	J Infect Dis	Djawe, K.	Not relevant
25297848	Spiritual coping predicts CD4-cell preservation and undetectable viral load over four years	AIDS Care	Kremer, H.; Ironson, G.; Kaplan, L.; Stuetzele, R.; Baker, N.; Fletcher, M. A.	Not relevant
25665886	Successful coping in urban, community-dwelling older adults with HIV	J Assoc Nurses AIDS Care	DeGrezia, M. G. and Scrandis, D.	Not relevant
25767258	Ten-year Survival by Race/Ethnicity and Sex Among Treated, HIV-infected Adults in the United States	Clin Infect Dis	Lesko, C. R. and Cole, S. R. and Miller, W. C.	Not relevant
24802222	Complex lives: Resiliency of midlife African American women living with HIV/AIDS serving as informal kinship care providers		Stokes, Charu	Not relevant
19609250	Sexual and reproductive health of persons aged 10-24 years - United States, 2002-2007	MMWR Surveill Summ	Gavin, L.; MacKay, A. P.; Brown, K.; Harrier, S.; Ventura, S. J.; Kann, L.; Rangel, M.; Berman, S.; Dittus, P.; Liddon, N.; Markowitz, L.; Sternberg, M.; Weinstock, H.; David-Ferdon, C.; Ryan, G.	Not relevant
109281199. Language:	Expanding the Health Action and Process Approach to Predict Physical Activity in African Americans With HIV/AIDS	Rehabilitation Counseling Bulletin		Not relevant
103903736. Language:	Incidence of Antiretroviral Drug Interactions During Hospital Course: The Role of a Pharmacist-Led Antiretroviral Stewardship Program	Journal of Pharmacy Technology	Bias, Tiffany E.; Venugopalan, Veena; Berkowitz, Leonard B.; Cha, Agnes	Not relevant
20077319	Menopause symptom attribution among midlife women	Soc Work	Tuchman, E.	Not relevant

PubMed ID	Title	Journal	Authors	Reason for exclusion
	in methadone treatment	Health Care		
18484977	Poor adherence to HIV monitoring and treatment guidelines for HIV-infected injection drug users	HIV Med	Wood, E.; Kerr, T.; Zhang, R.; Guillemi, S.; Palepu, A.; Hogg, R. S.; Montaner, J. S.	Not relevant
23315317	Trends and disparities in antiretroviral therapy initiation and virologic suppression among newly treatment-eligible HIV-infected individuals in North America, 2001-2009	Clin Infect Dis	Hanna, D. B.; Buchacz, K.; Gebo, K. A.; Hessel, N. A.; Horberg, M. A.; Jacobson, L. P.; Kirk, G. D.; Kitahata, M. M.; Korthuis, P. T.; Moore, R. D.; Napravnik, S.; Patel, P.; Silverberg, M. J.; Sterling, T. R.; Willig, J. H.; Lau, B.; Althoff, K. N.; Crane, H. M.; Collier, A. C.; Samji, H.; Thorne, J. E.; Gill, M. J.; Klein, M. B.; Martin, J. N.; Rodriguez, B.; Rourke, S. B.; Gange, S. J.	Not relevant
103157383. Language:	Knowledge, Self-efficacy, and Self-perceived Risk for Cardiovascular Disease among Asians Living With HIV: The Influence of HIV Stigma and Acculturation	JANAC: Journal of the Association of Nurses in AIDS Care	NA	Not relevant
19258590	Pill taking from the perspective of HIV-Infected women who are vulnerable to antiretroviral treatment failure	Qual Health Res	Stevens, P. E.; Hildebrandt, E.	Not relevant
16505259	Neutropenia in human immunodeficiency virus infection: data from the women's interagency HIV study	Arch Intern Med	Levine, A. M.; Karim, R.; Mack, W.; Gravink, D. J.; Anastos, K.; Young, M.; Cohen, M.; Newman, M.; Augenbraun, M.; Gange, S.; Watts, D. H.	Not relevant
21442499	Differences in substance use and sexual partnering between men who have sex with men, men who have sex with men and women and transgender women	Cult Health Sex	Bowers, J. R.; Branson, C. M.; Fletcher, J.; Reback, C. J.	Not relevant
21153050	Psychometric characteristics and race-related measurement invariance of stress and coping measures in adults with HIV/AIDS	AIDS Behav	Heckman, B. D.; Berlin, K. S.; Heckman, T. G.; Feaster, D. J.	Not relevant
22890224	Electronic health information technology as a tool for improving quality of care and health outcomes for HIV/AIDS patients	Int J Med Inform	Virga, P. H.; Jin, B.; Thomas, J.; Virodov, S.	Not relevant
19307857	Aging, neurocognition, and medication adherence in HIV infection	Am J Geriatr Psychiatry	Ettenhofer, M. L.; Hinkin, C. H.; Castellon, S. A.; Durvasula, R.; Ullman, J.; Lam, M.; Myers, H.; Wright, M. J.; Foley, J.	Not relevant
16511767	Distribution of health care expenditures for HIV-infected patients	Clin Infect Dis	Chen, R. Y.; Accortt, N. A.; Westfall, A. O.; Mugavero, M. J.; Raper, J. L.; Cloud, G. A.; Stone, B. K.; Carter, J.; Call, S.; Pisu, M.; Allison, J.; Saag, M. S.	Not relevant
19197194	Patterns of engagement in care by HIV-infected adults:	Aids	Olatosi, B. A.; Probst, J. C.; Stoskopf, C. H.;	Not relevant

PubMed ID	Title	Journal	Authors	Reason for exclusion
	South Carolina, 2004-2006		Martin, A. B.; Duffus, W. A.	
19537954	Characteristics of HIV-positive cigarette smokers: a sample of smokers facing multiple challenges	AIDS Educ Prev	Humfleet, G. L.; Delucchi, K.; Kelley, K.; Hall, S. M.; Dilley, J.; Harrison, G.	Not relevant
19841589	Inpatient health services utilization among HIV-infected adult patients in care 2002-2007	J Acquir Immune Defic Syndr	Yehia, B. R.; Fleishman, J. A.; Hicks, P. L.; Ridore, M.; Moore, R. D.; Gebo, K. A.	Not relevant
25501613	Proportions of patients with HIV retained in care and virally suppressed in New York City and the United States: higher than we thought	J Acquir Immune Defic Syndr	Xia, Q.; Kersanske, L. S.; Wiewel, E. W.; Braunstein, S. L.; Shepard, C. W.; Torian, L. V.	Not relevant
105305996. Language:	Health literacy in the context of HIV treatment: introducing the Brief Estimate of Health Knowledge and Action (BEHKA)--HIV version	AIDS & Behavior	Osborn, C. Y.; Davis, T. C.; Bailey, S. C.; Wolf, M. S.	Not relevant
25904747	Decreased monocyte activation with daily acyclovir use in HIV-1/HSV-2 coinfecting women	Sex Transm Infect	Redd, A. D.	Not relevant
25559604	Impact of age on retention in care and viral suppression	J Acquir Immune Defic Syndr	Yehia, B. R.; Rebeiro, P.; Althoff, K. N.; Agwu, A. L.; Horberg, M. A.; Samji, H.; Napravnik, S.; Mayer, K.; Tedaldi, E.; Silverberg, M. J.; Thorne, J. E.; Burchell, A. N.; Rourke, S. B.; Rachlis, A.; Mayor, A.; Gill, M. J.; Zinski, A.; Ohl, M.; Anastos, K.; Abraham, A. G.; Kitahata, M. M.; Moore, R. D.; Gebo, K. A.	Not relevant
20976538	The relative role of perceived partner risks in promoting condom use in a three-city sample of high-risk, low-income women	AIDS Behav	Ober, A. J.; Iguchi, M. Y.; Weiss, R. E.; Gorbach, P. M.; Heimer, R.; Ouellet, L. J.; Shoptaw, S.; Anglin, M. D.; Zule, W. A.	Not relevant
106274418. Language:	Informal social support for HIV medical care	Journal of HIV/AIDS & Social Services	Waddell, E. N.; Messeri, P.	Not relevant
26242055	Late Diagnoses of HIV Infection in Mississippi: Implications for Improved Testing Strategies and Treatment	J Miss State Med Assoc	Johnson, K.; Dobbs, T.	Not relevant

# Appendix D. Data Extraction Form

PMID	extractor	author	pub_year	title	Design	Comparison	Sample_size_women_all	Sample_size_women_40plus
25411825	GPA	Blackstock	2015	General and health-related Internet use among an urban, community-based sample of HIV-positive women: implications for intervention development	observational	.a	103	103
16670232	GPA	Burke-Miller	2006	Longitudinal Relationships Between Use of Highly Active Antiretroviral Therapy and Satisfaction With Care Among Women Living With HIV/AIDS	observational	.a	1701	811 (>36)
23806059	GPA	Cocohoba	2013	A qualitative study examining HIV Antiretroviral Adherence Counseling and Support in Community Pharmacies	observational (qualitative)	.a	17	.a
24402689	GPA	Cook	2014	Do HIV-Positive Women Receive Depression Treatment that Meets Best Practice Guidelines?	observational	.a	739	.a
23621624	GPA	DeMarco	2013	The Sistah Powah Structured Writing Intervention: A Feasibility Study for Aging, Low-Income, HIV-Positive Black Women	RCT	Writing Intervention vs Attention Control Support Group	110	110
21671756	GPA	Dutcher	2011	"Positive Examples": A Bottom-Up Approach to Identifying Best Practices in HIV Care and Treatment Based on the Experiences of Peer Educators	observational (qualitative)	.a	15	.a
21518939	GPA	El-Bassel	2011	Intervention to Influence Behaviors Linked to Risk of Chronic Diseases	RCT	risk reduction vs health promotion	158	.a
24635664	GPA	Fletcher	2014	Perceptions of Barriers and Facilitators to Cervical Cancer Screening among Low-Income, HIV-Infected Women from an Integrated HIV Clinic	observational (qualitative)	.a	33	.a
19253267	GPA	Galarraga	2010	An instrumental variables evaluation of the effect of antidepressant use on employment among HIV-infected women using antiretroviral therapy in the United States: 1996-2004	observational	.a	1234	.a
20672971	GPA	Kempf	2010	A Qualitative Study of the Barriers and Facilitators to Retention-in-Care Among HIV-Positive	observational (qualitative)	.a	39	30
23116051	GPA	Manuel	2013	Smoking Cessation Interventions with Female Smokers Living with HIV/AIDS: A Randomized Pilot Study of Motivational Interviewing	RCT	Brief Motivational Interview vs Prescribed Advice	30	.a
25494607	GPA	McDoom	2015	How Older Black Women Perceive the Effects of Stigma and Social Support on Engagement in HIV Care	observational (qualitative)	.a	20	20
21281111	GPA	Neblett	2011	Alcohol consumption among HIV-infected women: impact on time to antiretroviral therapy and survival	observational	different levels of alcohol consumption	1030	.a
25561307	GPA	Blackstock	2015	Considering care-seeking behaviors reveals important differences among HIV-positive women not engaged in care: implications for intervention	observational	.a	748	.a
19784773	GPA	Pivnick	2010	Accessing primary care: HIV+ Caribbean immigrants in the Bronx.	observational (qualitative)	.a	21	.a
23829331	GPA	Quinlivan	2013	Experiences with HIV testing, entry, and engagement in care by HIV-infected women of color, and the need for autonomy, competency, and relatedness	observational (qualitative)	.a	30	20
24317955	GPA	Sevelius	2014	Barriers and facilitators to engagement and retention in care among transgender women living with human immunodeficiency virus	observational (qualitative)	.a	58	47
24623475	GPA	Weiss	2015	Translating an Evidence-Based Behavioral Intervention for Women Living with HIV into Clinical Practice: The SMART/EST Women's Program	observational	different sites/different leadership	364	.a
22708519	GPA	Mitrani	2012	Family Mechanisms of Structural Ecosystems Therapy for HIVseropositive Women in Drug Recovery	RCT	Strategic Family Therapy vs. standard therapy	126	.a
20538417	GPA	Feaster	2010	A randomized controlled trial of Structural Ecosystems Therapy for HIV medication adherence and substance abuse relapse prevention	RCT	Strategic Family Therapy vs. standard therapy	126	.a
20175608	GPA	Feaster	2010	The Efficacy of Structural Ecosystems Therapy for HIV Medication Adherence with African American Women	RCT	Strategic Family Therapy vs. standard therapy	156	.a
19492623	GPA	Stevens	2009	Systemic barriers to health care access for U.S. women with HIV: the role of cost and insurance	observational (qualitative)	.a	55	.a
25457920	GPA	Sullivan	2015	Experiences of Women of Color with a Nurse Patient Navigation Program for Linkage and Engagement in HIV Care	observational (qualitative)	.a	21	.a
20629573	GPA	Tello	2010	Barriers to Recommended Gynecologic Care in an Urban United States HIV Clinic	observational	.a	200	152
19357943	GPA	Teti	2010	A Mixed Methods Evaluation of the Effect of the Protect and Respect Intervention on the Condom Use and Disclosure Practices of Women Living with HIV/AIDS	RCT	group-level-intervention and Peer groups vs brief messages delivered by health care providers	184	.a
24138485	GPA	Toth	2013	Barriers to HIV Care for Women of Color Living in the Southeastern US Are Associated with Physical Symptoms, Social Environment, and Self-Determination	observational	.a	164	.a
17919094	GPA	Vyavaharkar	2008	Health care utilization: the experiences of rural HIV-positive African American women	observational (qualitative)	.a	22	.a
25749532	GPA	Blackstock	2015	HIV-infected Women's Perspectives on the Use of the Internet for Social Support: A Potential Role for Online Group-based Interventions.	observational (qualitative)	.a	27	.a
17456578	GPA	Triant	2007	Increased Acute Myocardial Infarction Rates and Cardiovascular Risk Factors among Patients with Human Immunodeficiency Virus Disease	observational	HIV vs non-HIV	1172	.a
23314801	GPA	Williams	2013	Gender Differences in Baseline Health, Needs at Release, and Predictors of Care Engagement Among HIV-Positive Clients Leaving Jail	Observational	men vs women	350	.a
16394200	GPA	Lucas	2006	Illicit Drug Use and HIV-1 Disease Progression: A Longitudinal Study in the Era of Highly Active Antiretroviral Therapy	observational	differing levels of substance abuse	661	.a
19504374	GPA	Kupprat	2009	Case manager-reported utilization of support group, substance use and mental health services among HIV-positive women in New York City	observational	.a	46	.a
22866876	GPA	Echenique	2013	Impact of a secondary prevention intervention among HIV-positive older women	RCT	psycho-educational group sessions vs. usual care	106	106
25967270	GPA	Chander	2015	Brief Intervention Decreases Drinking Frequency in HIV-Infected, Heavy Drinking Women: Results of a Randomized Controlled Trial	RCT	brief alcohol intervention vs. usual care	148	.a
21287418	GPA	Sarnquist	2011	Rural HIV-infected women's access to medical care: ongoing needs in California	observational (qualitative)	.a	64	49
no PMID	GPA	Proeschold-Bell	2016	Substance Use Outcomes of an Integrated HIV-Substance Use Treatment Model Implemented by Social Workers and HIV Medical Providers	observational	.a	76	.a
no PMID	GPA	Abel	2006	Women With HIV and Stigma	RCT	writing intervention vs Attention Control Group	44	.a

enrolment_start	enrolment_stop	location	cohort	age_mean	age_min	age_max	age_other	menopause_status	White (%)	Black (%)	Latino/Hispanic (%)
02/2014	04/2014	Bronx, NY	.a	median 50	18	.a	.a	.a	.a	59.6	35.4
1994	1995	New York, Washington, DC, Chicago, Los Angeles, and San Francisco	Women's Interagency HIV Study (WIHS)	.a	13	.a	47.7% > 36	.a	18	55.7	23.9
		San Francisco	.a	.a	.a	.a	.a	.a	32	68	.a
1994	1995	New York, Washington, DC, Chicago, Los Angeles, and San Francisco	Women's Interagency HIV Study (WIHS)	43.1	13	.a	.a	.a	11	55.3	29.9
.a	.a	Boston	.a	.a	40	.a	.a	.a	.a	100	.a
06/2008	12/2008	urban and rural regions of the United States	.a	.a	.a	28	59	.a	.a	.a	.a
11/2003	06/2007	Atlanta, Los Angeles, New York, and Philadelphia	.a	.a	.a	.a	.a	.a	.a	.a	.a
08/2002	11/2002	Houston	.a	51	26	61	.a	.a	12.1	69.7	18.2
1994	1995	New York, Washington, DC, Chicago, Los Angeles, and San Francisco	Women's Interagency HIV Study (WIHS)	38.4	18	65	.a	.a	14.7	52.8	29.6
.a	.a	Alabama	.a	46.1	29	69	.a	.a	7.7	92.3	.a
.a	.a	San Francisco	.a	49	18	.a	.a	.a	30	36	13
02/2011	09/2011	Boston	.a	56.6	50	63	.a	.a	.a	100	.a
01/1997	12/2006	Baltimore, MD	Johns Hopkins HIV Clinical Cohort	38.4	.a	.a	.a	.a	.a	83.5	.a
2010	2013	Brooklyn, Chicago, Los Angeles, Miami, San Antonio, Springfield, MA, Alabama, North Carolina, and Longview, Texas	Health Resources and Services Administration (HRSA) Special Projects of National Significance (SPNS) Initiative	41.8	18	.a	22.5% > 50	.a	.a	65.6	27.9
.a	.a	Bronx, NY	.a	47.9	.a	.a	.a	.a	.a	.a	.a
2010	2010	North Carolina	.a	44.8	.a	.a	.a	.a	.a	83.3	10
.a	.a	San Francisco	.a	.a	20	69	.a	.a	7	76	12
.a	.a	Miami, New York, New Jersey	.a	45.1	18	.a	.a	.a	16.8	58.4	23.1
1996	1999	Florida	.a	43.1	18	.a	.a	.a	.a	79.4	11.9
1996	1999	Florida	.a	43.1	18	.a	.a	.a	.a	79.4	11.9
1996	1999	Florida	.a	36.4	18	.a	.a	.a	.a	100	.a
2000	2003	Wisconsin	.a	41	23	54	.a	.a	36	53	7
01/2011	08/2014	Chapel Hill, North Carolina	.a	44.8	27	62	.a	.a	.a	100	.a
02/2008	06/2008	Baltimore, MD	.a	46	18	.a	.a	.a	11	85	.a
04/2004	07/2006	Philadelphia	.a	39.8	20	70	.a	.a	9.8	85.9	2.2
04/2010	02/2011	North Carolina	.a	46.1	.a	.a	.a	.a	1.22	85.37	3.04
01/2005	02/2005	South Carolina	.a	44	26	63	54.5% > 45	.a	.a	100	.a
02/2013	06/2013	Bronx, NY	.a	48.7	18	.a	.a	.a	.a	45	55
10/1996	06/2004	Boston	Research Patient Data Registry	median 36	.a	.a	216 (18%) > 45	.a	40.3	34.6	15.1
07/2008	10/2011	Atlanta, GA; Chester, PA; Chicago, IL; Cleveland, OH; Columbia, SC; New Haven, CT; New York, NY; Philadelphia, PA; Providence, RI; and Springfield, MA	EnhanceLink	41.4	.a	.a	.a	.a	20.3	58.9	17.5
11/1998	2003	Baltimore, MD	.a	.a	.a	.a	.a	.a	.a	.a	.a
2002	2003	New York	.a	46.58	36	64	SD 5.98, Median 47	.a	.a	63	37
2004	2006	Miami	.a	.a	45	.a	.a	.a	6.6	83	8.5
04/2006	07/2010	Baltimore, MD	.a	44	.a	.a	SD 8.2	.a	14.2	85.8	.a
01/2007	04/2007	California	.a	.a	18	.a	76.6% > 40	.a	50	15.6	29.7
01/2007	06/2012	North Carolina	.a	46.5	20	63	median 47.3	.a	.a	.a	.a
.a	.a	Texas	.a	44	18	.a	.a	.a	.a	74	.a

Asian (%)	Native_American (%)	Pacific_Islander (%)	other_race (%) (define)	illegal_immigrants (%)	contracted_HIV_old_age (%)	no_insurance (%)	public_insurance (%)	private_insurance (%)	social_support-married or stable relationship/clearly stated social network (%)	dependent_care (%)	transgender (%)	lesbian_bisexual (%)	monogamous (%)	unemployed (%)
.a	.a	.a	5 (multiracial/other)	.a	.a	7.8	.a	.a	34.1% low health-related social support)	31.1	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	61.2	14.6	.a	.a	.a	.a	.a	78.2
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	13.8	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	100	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a	24.6 married or living with a partner	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	39.4	60.6	.a	12.1 married	.a	.a	.a	.a	100
.a	.a	.a	.a	.a	.a	.a	74.4	.a		32.7	.a	.a	.a	5.4
.a	.a	.a	.a	.a	.a	.a	.a	.a	20.5 married or living with partner	.a	.a	.a	.a	79.5
.a	.a	.a		23	.a	.a	.a	.a	20 married	.a	.a		33	90
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	75
.a	.a	.a	16.5 (other)	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	6.1 (other)	.a	.a	26.9	.a	.a	16.4 (married/partnered)	23.8	.a	.a	.a	58
.a	.a	.a	100 (Caribbean)		47.6	.a	.a	100		61.9	42.9	0	0	.a
.a	.a	.a	6.7 (other/multiracial)	.a	.a	.a	.a	.a		46.7	.a	.a	.a	63.3
.a		7	7.9 (multiracial or other)	.a	.a	.a	.a	.a	.a	.a		100	.a	.a
.a	.a	.a	1.7 (other)	.a	.a	.a	.a	.a		11	.a	.a	.a	84.1
.a	.a	.a	.a	.a	.a	.a	.a	.a		57.9	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a		57.9	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a		57	100	.a	.a	.a
.a		4	.a	.a	.a	9	72.7	18		.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	35	60	5		.a	.a	.a	.a	.a
.a	.a	.a	4 (other)	.a	.a	.a	.a	.a	85 (high or very high on MOS Social Support Survey)	55	.a	.a	.a	79
.a	.a	.a	.a	.a	.a	.a	.a	.a	26 in a	.a	.a		17	.a
.a		8.54	1.83 (other)	.a	.a	.a	.a	15	16 (married)	.a	.a	.a	.a	70
.a	.a	.a	.a	.a	.a	.a	.a	.a	72.7 (not living alone)	27.3	.a	.a	.a	72.73
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
	0.7	.a	9.3 (other/not recorded)	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	20.9 (other)	.a	.a	.a	.a	.a	.a		16.33	.a	.a	68
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	96	4	54.3% (live with at least one other person)	.a	.a		10.8	.a
.a	.a	.a		1	.a	.a	.a	.a	13.2 (married or in a partnership)	.a	.a		6.6	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	33.1
.a	.a	.a		4.7	.a	.a	.a	.a	15.6 (married/with partner)	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a	.a



education < HS graduate (%)	annual_income_less10K (threshold)	prison_system	violence	drug_use (% using any drug or % using most commonly used drug)	mental_health (% with any mental health condition)	program_name
46.6	72.8 (\$10,000)	.a	.a	38.3	37.9	.a
37.3	63.4 (\$12,000)	.a	.a	28.4	55.3	.a
.a	.a	.a	.a	.a	.a	pharmacy
35.3	.a	.a	.a	.a	100	.a
31.8	.a	.a	.a	.a	.a	Sistah Powah Structured Writing Intervention
6.7	.a	.a	.a	.a	.a	peer support
.a	.a	.a	.a	.a	.a	health promotion intervention
21.2	93.8 (\$10,000)	.a	.a	.a	.a	.a
40.1	59.6 (\$12,000)	.a	.a	.a	100	.a
.a	64.1 (\$10,000)	.a	.a	.a	.a	.a
.a	67 (\$10,000)	.a	.a	.a	.a	Motivational Interviewing or Prescribed advice
40	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	59	31.9	.a
17	.a	.a	29.4	14.4	4.4	.a
.a	.a	.a	4.8	.a	.a	.a
30	.a	.a	.a	.a	.a	.a
28	.a	.a	.a	.a	.a	.a
57.2	86.5 (10,000)	.a	.a	.a	77.9	Stress Management And Relaxation Training/Emotional Supportive Therapy (SMART/EST) Women's Program
74.6	mean (\$7,665.72)	.a	.a	100	.a	Structural Ecosystems Therapy
74.6	mean (\$7,665.72)	.a	.a	100	.a	Structural Ecosystems Therapy
80	50 (\$9338)	.a	.a	.a	.a	Structural Ecosystems Therapy
.a	mean (14,000)	.a	.a	.a	.a	.a
45	80 (\$10,000)	.a	.a	.a	.a	Guide to Healing Program
49	.a	.a	.a	26	76	.a
47.3	75.5 (\$10,000)	.a	.a	.a	.a	Protect and Respect
35	.a	.a	.a	.a	51	.a
31.82	68.2 (\$10,000)	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a
61.4	.a	100	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	54.3 (substance abuse)	63 (menat illness)	multiple
36.8	.a	.a	.a	.a	.a	Project ROADMAP, Reeducating Older Adults in Maintaining AIDS Prevention
.a	mean (\$8,343.29)	.a	.a	100	.a	brief alcohol intervention
34.4	32.81	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	Substance Use Treatment Integrated Care from Social Workers and HIV Medical Providers
mean education level = 12th grade	.a	.a	.a	.a	.a	Writing intervention

program_objective	medical	psychosocial	case_management	health_education	HIV_STD_transmission_reduction
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
promoting ART adherence	Yes	No	Yes	Yes	No
.a	.a	.a	.a	.a	.a
Varied, including increased use of cognitive behavioral self-help programs, improved immune function, increased CD4 lymphocyte counts relative to lowering of viral load, improved perceived psychosocial and health status, and improved/decreased depression level	No	Yes	No	No	No
social support	No	Yes	No	Yes	Yes
influence behaviors linked to the risk of cardiovascular diseases, cerebrovascular diseases, diabetes mellitus, and certain cancers, including physical activity, fruit and vegetable consumption, fat consumption, cancer screening, and alcohol use	Yes	No	No	Yes	Yes
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
quit smoking	Yes	Yes	No	Yes	No
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
enhance the overall quality of life and health status	No	Yes	No	No	No
in this application of SET, therapists were instructed to address relapse prevention and medication adherence	No	Yes	No	Yes	No
	No	Yes	No	Yes	No
promote healthy relationships within and outside the family	No	Yes	No	Yes	No
.a	.a	.a	.a	.a	.a
link and retain HIV-positive women of color in HIV care	No	No	Yes	Yes	No
.a	.a	.a	.a	.a	.a
decrease sexual risk practices	No	Yes	No	Yes	Yes
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
substance abuse treatment, mental health services, case manager, support groups	Yes	Yes	Yes	No	No
reducing sexual risk behavior	No	Yes	No	Yes	Yes
reducing drinking; reducing risky sexual behavior	No	Yes	No	Yes	Yes
.a	.a	.a	.a	.a	.a
Substance Use Treatment	Yes	Yes	No	Yes	No
Reducing perceived HIV stigma	No	Yes	No	No	No

outcome_1	outcome_desc_1	barriers_for_1	barriers_for_2	barriers_for_3	sociodemographic	cultural	psychosocial	criminal_Hx
.a	.a	internet use	.a	.a	Yes	Yes	Yes	No
.a	.a	satisfaction with care	.a	.a	Yes	Yes	Yes	No
ART adherence	.a	ART adherence	.a	.a	No	No	Yes	No
.a	.a	.a	.a	.a	.a	.a	.a	.a
Adherence to health care	keeping appointments, safe sex, comorbidity diagnostic tests, needle care, lifestyle factors	.a	.a	.a	No	No	No	No
Care adherence/housing status	.a	.a	.a	.a	.a	.a	.a	.a
mammogram	having a mammogram	.a	.a	.a	.a	.a	.a	.a
.a	.a	cervical cancer screening	.a	.a	No	No	Yes	No
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	retention in care	.a	.a	Yes	No	Yes	No
quitting smoking	cigaretts/day, desire to quit, expectation of success, perceived difficulty	.a	.a	.a	.a	.a	.a	.a
.a	.a	engaging in care	.a	.a	No	No	Yes	No
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	engaging in care	.a	.a	Yes	No	Yes	No
.a	.a	accessing program services	.a	.a	Yes	Yes	Yes	No
.a	.a	engaging in care	.a	.a	Yes	Yes	Yes	No
.a	.a	engaging in care	.a	.a	Yes	Yes	Yes	No
depression, medication adherence	reduction in depression	.a	.a	.a	.a	.a	.a	.a
Psychological Distress and Drug Abstinence	Combined Perceived Stress Scale and Global Severity Index (GSI), from the Brief Symptom Inventory; self reported use of illicit drugs in the past 30 days	.a	.a	.a	.a	.a	.a	.a
substance abuse, medication adherence	self-reported	.a	.a	.a	.a	.a	.a	.a
medication adherence	self-reported	.a	.a	.a	.a	.a	.a	.a
.a	.a	engaging in care	.a	.a	No	No	No	No
Antiretroviral adherence, medication management, and laboratory test results; accessing resources, including medication assistance, and community based services	self-reported in qualitative interviews	.a	.a	.a	.a	.a	.a	.a
.a	.a	engaging in care	cancer screening	.a	Yes	No	Yes	No
disclosure of their HIV status to partners and condom use	self reported	.a	.a	.a	.a	.a	.a	.a
.a	.a	accessing care	.a	.a	Yes	Yes	Yes	No
.a	.a	accessing services	.a	.a	Yes	Yes	Yes	No
.a	.a	using an internet-based peer-to-peer social support group	.a	.a	Yes	Yes	Yes	No
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	engaging in care	.a	.a	Yes	No	Yes	Yes
.a	.a	.a	.a	.a	.a	.a	.a	.a
utilization	attendance, reception of therapy	engaging in care	.a	.a	Yes	No	No	No
sexual risk behavior/HIV knowledge	condom use, knowledge score, perceived stigma score	.a	.a	.a	.a	.a	.a	.a
alcohol consumption, sexual behavior, HIV outcomes	drinking days, binge drinking, drinks per day, unprotected sex, ART use, viral suppression, appointment adherence	.a	.a	.a	.a	.a	.a	.a
.a	.a	seeking HIV care	.a	.a	Yes	No	No	No
alcohol/drug use	ASI Scores	.a	.a	.a	.a	.a	.a	.a
Perceived HIV stigma	Stigma Scale scores	.a	.a	.a	.a	.a	.a	.a

medical_Hx	mental_Hx	system_level_modifiers	description	Insurance_marginal_impact	Contrasted_insurance_levels
Yes	Yes	Yes	Place of medical care (clinic, private PCP vs healthcare for homeless, methadone clinic, visiting PCP)	Yes	none vs any
Yes	Yes	Yes	Number of primary provider visits, Any use of emergency room, Usual source of health care, Any use of emergency room	Yes	Medicaid vs. none, Private vs. none
Yes	No	Yes	Privacy, pharmacy location, presence of drug-seeking or intoxicated pharmacy patrons, perception that pharmacist not receptive (too busy), positive relationship with "knowing" pharmacist, insurance system factors	Yes	not specified
.a	.a	.a	.a	Yes	any vs. none
No	No	No	.a	No	.a
.a	.a	.a	.a	No	.a
.a	.a	.a	.a	No	.a
Yes	No	Yes	Transportation, wait times, insurance referrals, scheduling	No	.a
.a	.a	.a	.a	No	.a
Yes	No	Yes	Transportation, clinic hours, flexible scheduling	No	.a
.a	.a	.a	.a	No	.a
No	No	Yes	experienced stigma during medical encounters with providers	No	.a
.a	.a	.a	.a	No	.a
Yes	Yes	Yes	Transportation	Yes	none vs any
Yes	No	.a	.a	No	.a
Yes	Yes	Yes	navigating labs, parking decks, construction, traffic, and the logistical skills required to work around these obstacles; relationships with providers	No	.a
Yes	No	Yes	provider and staff cultural competent, integrate trans-related/HIV care, confidentiality	No	.a
.a	.a	.a	.a	No	.a
.a	.a	.a	.a	No	.a
.a	.a	.a	.a	No	.a
.a	.a	.a	.a	No	.a
No	No	Yes	Insurance logistics, transportation, financial, provider turnover	Yes	Medicaid vs. none, Private vs. none
.a	.a	.a	.a	No	.a
Yes	No	Yes	Transportation, dislike of clinic or physician	No	.a
.a	.a	.a	.a	No	.a
Yes	Yes	Yes	Transportation, financial, Logistical	Yes	Public or none vs. private
Yes	No	Yes	lack of local services (healthcare, social services, housing, and childcare), transportation, "red tape", lack of caring, concern, and support from caregivers, poor communication	No	.a
Yes	No	No	.a	No	.a
.a	.a	.a		No	.a
Yes	Yes	Yes	intensity of services received in jail	No	.a
.a	.a	.a	.a	.a	.a
Yes	Yes	Yes	those receiving services at a medical model agency more likely to utilize therapy	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a
Yes	No	Yes	transportation, navigating healthcare system	.a	.a
.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a

diagnosis_management	comorbidity_desc	pred_model_outcome	sociodemographic_predmod	cultural_predmod	psychosocial_predmod	criminal_Hx_predmod	medical_Hx_predmod	mental_Hx_predmod
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	mental health (major depressive disorder or clinically significant depressive symptoms)	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	mental health (likely depressed)	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	substance abuse (alcohol consumption)	All cause mortality	Yes	No	No	No	Yes	Yes
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	substance abuse (multiple drugs)	.a	.a	.a	.a	.a	.a	.a
management	substance abuse (multiple drugs)	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	Cardiovascular disease (AMI)	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	substance abuse (multiple drugs)	disease progression	Yes	No	No	No	Yes	No
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
management	substance abuse	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a
.a	.a	.a	.a	.a	.a	.a	.a	.a