STRATEGIES TO IMPROVE THE HEALTH OF OLDER ADULTS LIVING WITH HIV

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Thanks to antiretroviral medications and improvements in care, people with HIV are living into their 50s, 60s, 70s, and beyond. Half of people living with HIV in the U.S. are age 50 or over. While this is a welcome development, growing older with HIV presents unique challenges including:

- the intersection of age-related stigma, HIV stigma, anti-gay stigma, racism, and other forms of prejudice;
- the lack of cultural competency on the part of health care, social service, and elder service providers to serve older adults with HIV;
- sexual health promotion and HIV/STI prevention among older adults;
- social isolation and lack of social support networks;
- comorbidities, including heart disease, diabetes, cancers, depression and cognitive decline;
- substance use, including tobacco use.

Health care providers serving older People Living with HIV (PLWH), and leaders at Ryan White-funded AIDS service organizations (ASOs) and community-based organizations (CBOs) serving this population, can take steps to ensure that older PLWH feel welcome at their institution and receive supportive, affirming services. Five key steps include:

1. Train all staff in the unique needs and experiences of older people living with HIV
2. Screen and treat for comorbidities, depression, and cognitive decline
3. Screen for substance use, including tobacco use, and promote treatment
4. Promote sexual health and HIV/STI prevention with this population
5. Strengthen social support networks and reduce social isolation

Older PLWH exhibit a great deal of resiliency and strength. In fact, many ASOs and government HIV prevention and care programs would not exist were it not for the vision and leadership many older PLWH exhibited in the early years of the AIDS epidemic. Still, older PLWH require core medical care services that address comorbid conditions in addition to HIV, and management of the many medications they may be taking in addition to antiretroviral medications. They may also need services, such as those funded by the Ryan White HIV/AIDS Program (RWHAP), to remain in continuous care and treatment adherent. This issue brief aims to assist HIV care providers in ensuring that their older clients receive high quality care needed to thrive well into older adulthood.
Thanks to the advent of successful antiretroviral therapies, HIV-positive individuals are now living into older adulthood. Many are flourishing in relatively good health. Individuals who begin highly active antiretroviral treatment (ART) at an initial CD4 count above 200 can expect to live well into their 70s and beyond. Half of the 1.2 million people living with HIV in the U.S. today are age 50 or older—about 600,000 individuals. Half to two thirds of these—300,000 to 400,000—are older gay and bisexual men. While longer life expectancy for people living with HIV is a welcome development, the growing population of people age 50 and older living with HIV has unique experiences and needs. It is critical that ASOs, CBOs, and health centers serving older adults living with HIV take steps to ensure that they are providing culturally competent and affirming care to this population and keeping them healthy in the process. This brief provides guidance to leaders at ASOs and CBOs who serve older adults living with HIV as well as health care providers to ensure that older people living with HIV/AIDS (PLWHA) can thrive in older adulthood.

Older adults living with HIV face a series of unique issues such as HIV-related health concerns, health concerns associated with growing older, multiple stigmas (ageism, homophobia, racism, and HIV-related stigma), and the dearth of economic resources available to many older adults. Older PLWHA report higher rates of health risk behaviors—such as smoking, alcohol, and substance use—and experience higher rates of mental health issues such as depression. Of particular concern are comorbidities, substance use, social isolation, barriers to accessing health care, and promoting sexual health education to reduce the transmission of HIV to others.

There are many things health care and AIDS service providers can do to create a more affirming environment for their older HIV-positive clients to improve the health of this population. We encourage you to:

1. Train all staff in the unique needs and experiences of older people living with HIV
2. Screen and treat for comorbidities, depression and cognitive decline
3. Screen for substance use, including tobacco use, and promote treatment
4. Promote sexual health and HIV/STI prevention with this population
5. Strengthen social support networks and reduce social isolation

Resources and model programs that correspond to each of these five recommendations are presented following the overview of these five actions.
Though ASOs, health centers, and other organizations may seem like accepting and inclusive establishments to the people who work within them, many older adults living with HIV are marginalized and may not feel comfortable in these settings. Many “experience the dual threat of HIV stigma and ageism.” Some people living with HIV report having been denied care or shamed due to their HIV status. It is critical that staff be trained in the unique issues facing older people living with HIV, and are able to provide affirming, culturally competent care to them. Because older PLWH may have multiple comorbidities and psychosocial needs, they will likely encounter multiple providers who all play a part in managing their care. By training staff to provide client-centered case management, providers will be better equipped to address HIV care in the context of myriad factors affecting a client’s ability to stay healthy and adherent.

Because half to two-thirds of people living with HIV in the U.S. are gay and bisexual men or transgender women, it is also important that health care and service providers be trained in how to provide clinically competent and affirming care to these populations, particularly older adults who are gay and bisexual men or transgender women. Providing a welcoming and affirming clinical practice is an essential prerequisite to developing a relationship of trust and open communication with patients and clients.

Polypharmacy—the concurrent use of multiple medications—is common among older adults living with HIV.
Many older adults who have been living with HIV for decades experience early onset of multiple comorbidities. A study of 180 HIV-positive people 50 and over in New York City found an average (mean) of 3.4 comorbidities. Many had clinical depression. Most had an AIDS diagnosis.9

Less than a third of deaths among people with HIV/AIDS in the U.S. are now due to diseases traditionally associated with HIV infection, such as Kaposi’s sarcoma.10 Liver disease, cardiovascular disease, and cancer are now leading causes of morbidity and mortality among older people living with HIV.11 The presence of these comorbidities in the context of suppressed immunity may add to the disease burden of aging PLWH.

Older adults’ ability to metabolize antiretroviral medications is diminished and may result in increased toxicity.12 Long exposure to antiretroviral therapy (ART) may increase the risk of heart attack13 and heart disease resulting from specific classes of antiretrovirals.14 Given the incidence of non-AIDS related comorbidities among older HIV-infected patients, adjusting medication regimens may be necessary to minimize toxicities and drug-drug interactions.15 In men over 50 years and postmenopausal women, bone density monitoring and replacing tenofovir disoproxil fumarate or boosted protease inhibitors with other antiretroviral medication is recommended in order to minimize the risk of fragility fractures. However, it is not recommended to suspend antiretroviral treatment due to the risk of rebound viremia associated with abrupt discontinuation of treatment.16 Barring adverse reactions to antiretroviral therapy, older patients should continue their regimens with any necessary adjustments and considerations for the increased prevalence of polypharmacy among HIV-positive older adults.

Many antiretroviral medications, particularly those in wide use a decade or more ago, can cause liver toxicity. For HIV-positive people co-infected with hepatitis, the interaction of some antiretrovirals and cholesterol medications can cause liver toxicity.17 Other side effects resulting from antiretroviral use include lipodystrophy, osteoporosis, pancreatitis, peripheral neuropathy, and buildup of lactic acid.18

Older adults with HIV/AIDS are at greater risk of developing cancer. Compared to the general population, people with HIV experience a significantly higher incidence of cancers, including Hodgkin’s lymphoma, leukemia, melanoma, and colorectal, renal, anal, vaginal, liver, lung, mouth, and throat cancers.19 People living with HIV receive cancer diagnoses approximately 20 years earlier than the rest of the United States population.20
On a cognitive level, older adults living with HIV may experience increases in impairment, also starting at an earlier age. Widespread cognitive impairment among people on treatment for a long time could be due to “chronic HIV-driven inflammation in an aging brain.” Different antiretroviral medications vary in their ability to penetrate the central nervous system (CNS) and reduce CNS HIV viral load. However, findings suggest increased blood-brain barrier permeability among older adults. Furthermore, HIV-positive individuals over 50 years of age demonstrate considerably better adherence than those under 50. Regardless of the neuroprotection afforded by increased CNS permeability and better adherence, older adults are still at increased risk for HIV-associated cognitive decline and dementia. There appears to be a relationship between cognitive ability and adherence to antiretroviral medication specific to older adults. It is likely that decline in cognitive ability affects medication adherence, and vice versa. Potential interventions may include the optimization of medication regimens that effectively reduce CNS HIV viral load and increased adherence support for cognitively impaired elders.

Some research suggests antiretroviral therapy may increase the risk of Alzheimer’s disease, depression, and other psychiatric side effects. A number of studies have found high rates of depression among older people living with HIV. Heckman et al. found that 29% of a sample (n=113) of HIV-positive adults 45 and older had moderate to severe depression and 31% had mild depression. The ACRIA/GMHC study of 180 HIV-positive adults over 50 found that 53% had depression. ACRIA’s Research on Older Adults with HIV study of nearly 1,000 New Yorkers found that 52% had depression. Depression can correlate with low rates of antiretroviral medication adherence. However, treatment with antidepressant medication can improve antiretroviral adherence.

Polypharmacy—the concurrent use of multiple medications—is common among older adults living with HIV. Drug-drug interactions can cause medications to lose efficacy and increase toxicity. A thorough medication review on each patient visit is recommended. One low-technology method of doing this is the “brown bag” review, in which a patient brings all of the medications he or she is taking into the health care provider’s office, “including prescription medications, over-the-counter medications, vitamins, and herbal preparations.”
Another area of concern for an older HIV-positive population is substance use. Parsons et al. note that rates of substance use are higher in older individuals living with HIV than among age peers who are not living with HIV. For this population, increases in depression (associated with the high levels of stress, stigma, and neurocognitive impairment that may accompany HIV) have been linked with increased use of substances, including alcohol, marijuana, cocaine, opioids, and benzodiazepines. Increasingly heroin is being mixed with fentanyl, “its more potent killer cousin,” according to the New York Times. Emerging research suggests that substance use in older HIV-positive MSM is associated with increased condomless sex, which places them and their partners at risk for STIs. Interactions can occur between prescription medications and illicit substances. These interactions may make it difficult for individuals to adhere to their prescribed medications and could greatly reduce quality of life.

Access to mental health care and substance use treatment is particularly important for LGBT people. Studies show higher prevalence of mental health issues among lesbian, gay, and bisexual (LGB) populations compared to heterosexuals, including depression, anxiety, and suicidality. Gay and bisexual men are more likely than heterosexual men and lesbians to experience eating disorders and weight management issues. Some studies show the highest mental health burden among bisexuals compared with homosexuals and heterosexuals, as well as higher rates of smoking. Gay and bisexual men report higher rates of substance use than other men. Crystal methamphetamine use is so dangerous an epidemic among gay and bisexual men that The Fenway Guide to Lesbian, Gay, Bisexual and Transgender Health “suggest[s that] primary care providers should screen for this substance use in all gay and bisexual men.” Many gay men living with HIV struggle with crystal meth use. Crystal meth use can lead to depression, mania, and psychosis, as well as cardiovascular disease, overdose, and death.

People with HIV of all ages smoke at more than twice the rate of the general U.S. adult population. Some 42% of people with HIV smoke, while about 17% of all U.S. adults do. Given that half to two-thirds of people living with HIV are gay and bisexual men, it’s important to understand that lesbian, gay and bisexual people smoke at a higher rate than the general straight population: 24% versus 17%. Compared with never smokers, current smokers who are HIV-positive are less likely to report an undetectable viral load and gastrointestinal opportunistic infections (OIs). Former smokers are also more likely to report respiratory OIs when compared with never smokers. Therefore, a relationship between smoking and poorer HIV clinical markers seems
possible, and requiring tobacco cessation interventions tailored to the framework of HIV care services may be helpful. Another study of 2,952 HIV-infected patients explored other comorbidities associated with smoking in this population. Compared with never smokers, current smokers were more likely to have moderate/severe depression and more likely to report current substance abuse. These factors were shown to impact antiretroviral medication adherence and viral load suppression, with current smokers less likely to report an undetectable viral load.

It is important to promote smoking cessation interventions with older adults living with HIV, who are more likely than younger HIV-positive individuals to smoke. HIV-positive adults who smoke have lower quality of life and twice the mortality rate of people with HIV who don’t smoke. Contextual barriers to smoking cessation for LGBT people include stress related to anti-LGBT discrimination, fewer deterrents to smoking, and lack of access to culturally competent health care.

Despite higher rates of smoking among LGBT people compared with the general population (odds ratio of 1.5 to 2.5), the 2009–2010 Adult Tobacco Survey found no difference in reported receipt of physician advice to quit smoking or follow-up between LGBT smokers and heterosexual, cisgender smokers. Given the disproportionate burden of tobacco addiction among older adults living with HIV and older gay and bisexual men and transgender women living with HIV, providers should regularly screen these patients for tobacco use and follow-up more aggressively with assistance, including pharmacotherapy, referrals to cognitive behavioral therapy, referrals to culturally appropriate support groups, and other approaches.

Older adults living with HIV are more likely to smoke.
Given an increase in new HIV diagnoses among older adults in the past decade, sexual health education and HIV prevention with older adults is critically important. New HIV diagnoses increased by 5.3% for people age 45-54 in the U.S. from 2002 to 2011, and by 18.5% for those age 55 and older during the same time period.\textsuperscript{60} In 2013 people age 50 or older comprised 21% of those newly diagnosed with HIV in the U.S.\textsuperscript{61}

As the National Institute on Aging notes, older adults may have misconceptions about HIV and other sexually-transmitted infections (STIs). Many older adults may view HIV and STIs as risks that only affect young people.\textsuperscript{62} There is an assumption that older individuals are not sexually active. This false belief perpetuates the myth that older adults do not need sexual health education,\textsuperscript{63} and contributes to lower rates of HIV testing among adults 50 and older.\textsuperscript{64}

Older adults report markedly lower rates of condom use.\textsuperscript{65} The prevalence of erectile dysfunction, a common issue for older men, may also make effective use of a condom more difficult.\textsuperscript{66} Due to greater longevity, there is an increasing gender imbalance of men to women within older age cohorts. With older women progressively outnumbering older men, there is increased bargaining power for men in heterosexual sex, which may contribute to lower rates of condom use and, in turn, greater HIV risk.\textsuperscript{67}

HIV prevention with older gay and bisexual men and transgender women is also important given the disproportionate burden of HIV on these populations. About two thirds of all new HIV infections in the U.S. occur among men who have sex with men (MSM).\textsuperscript{68} While we have little HIV surveillance data on new HIV infections among transgender women, we know from studies that prevalence is high for this population as well, especially among Black transgender women.\textsuperscript{69}

While most HIV prevention is aimed at younger people, it is important that images of racially diverse older adults be used in campaigns promoting safer sex and HIV/STI testing. These should include images of racially diverse older heterosexual couples, as well as images of older gay men and transgender women.
Federal guidelines recommend the use of pre-exposure prophylaxis (PrEP) for HIV prevention to reduce the risk of acquiring HIV infection in adults.\textsuperscript{70} PrEP has been shown effective for MSM,\textsuperscript{71} heterosexuals,\textsuperscript{72} people who inject drugs,\textsuperscript{73} and transgender women.\textsuperscript{74} Of course, bisexuals are included in these populations as well—in different sex couples and in male same-sex couples. Individuals in any of these groups who engage in sexual intercourse without condoms and lubricant should consider PrEP in consultation with their health care provider.

Those providing health care and HIV/STI testing to high-risk individuals should educate about PrEP as a proven, effective tool to help them avoid HIV infection.

Recent studies have demonstrated a dramatic decrease in HIV transmission when HIV-positive individuals initiate suppressive antiretroviral therapy at higher CD4 counts.\textsuperscript{75} The preventive effect of HIV treatment is known as “treatment as prevention.” Recent models of pre-exposure chemoprophylaxis implementation, coupled with scaled up HIV treatment, predict significant reductions in HIV incidence and prevalence.\textsuperscript{76,77,78}

ASO, CBO and health center leaders working with older adults living with HIV should educate their clients and patients about how to reduce the risk of transmitting HIV to others. “Prevention with positives,” or Treatment as Prevention, should be a focus of routine HIV primary care. By emphasizing patients’ own health through improved HIV medication adherence and treatment of comorbid disorders, the health of partners can also be prioritized. This prevention evaluation and intervention should include detailed HIV transmission risk assessment, STI screening, family planning discussions, identification and correction of misconceptions, tailored prevention messages with individualized interventions and referrals, and periodic reevaluation.\textsuperscript{79}

Treatment adherence and retention in regular medical care is a core strategy HIV prevention strategy. Post-menopausal women often experience hypoestrogenism, which causes vaginal dryness.\textsuperscript{80} This can increase older women’s susceptibility to HIV and STI infection due to increased risk of vaginal tearing during intercourse. Using a water-based lubricant, both inside and outside the condom, simultaneously addresses receptive dryness and insertive sensation as both women and men age. By emphasizing the mutual benefits of lubricant and condom use for older adults, the acceptability of these prevention strategies may improve, thereby reducing risk of HIV and STI infection in this population.
STRENGTHEN SOCIAL SUPPORT NETWORKS
AND REDUCE SOCIAL ISOLATION

HIV-positive older adults are more socially isolated than younger people living with HIV. Some studies use living alone as a proxy for social isolation, which may not always accurately reflect older adults’ engagement in support networks, particularly in large cities such as New York where living alone may be necessary to maintain ownership of a rent-stabilized apartment. Despite this caveat, older HIV-positive individuals perceive many barriers to receiving emotional and instrumental social support from friends and family. Barriers to receiving family support include concealment of HIV status and others’ fear of casual transmission of HIV. HIV stigma, combined with stigma related to sexual behavior and injection drug use, can also limit caregivers’ ability to access traditional social support networks and institutions of support, such as the African American church. Because HIV is associated with male homosexuality and injection drug use, Black churches, and other churches across the U.S., have not always been welcoming support systems for people living with HIV. For some people living with HIV/AIDS, HIV-positive peers replace those lost due to HIV-related stigma and rejection. Strengthening peer relationships may help address social isolation in this population.

Older gay and bisexual men also experience elevated rates of social isolation. On average they are less likely to have children and grandchildren than older heterosexual adults. Some older gay/bi men and transgender women who have children are estranged from them due to lack of understanding or acceptance of their parents’ gender identity or sexuality. LGBT elders are more likely to live alone than heterosexuals and to be single. Because most elder caregiving in the United States is provided by children or partners/spouses, LGBT elders may disproportionately rely on senior services, including formal caregiving assistance.

A number of studies have found widespread fear among older lesbians and gay men of being rejected because of their sexual orientation in senior care settings, by both residents and staff. Many gay and lesbian elders fear rejection or neglect by health care providers. This is often based on actual experiences of discrimination or culturally inappropriate treatment toward themselves or friends. Gay and lesbian seniors are particularly concerned about possible discriminatory treatment by personal care aides. Fear of rejection may cause older gay and bisexual men and transgender women to not seek access to social services upon which other older adults rely.
Social isolation has been linked to a decrease in health and quality of life. Many older HIV-positive adults may experience barriers to accessing resources and developing or maintaining social support networks. Such barriers may inhibit the effectiveness of the health care older adults living with HIV receive.

One possible solution to social isolation of older people living with HIV is to host social opportunities for HIV-positive older adults. Such group activities, either held within a health care organization or conducted by a partner site, could increase this population’s access to social support. Topics—such as dating and being sexually active while living with HIV, medication adherence, dealing with stigma (from family, friends, coworkers, and health care professionals), and navigating insurance issues—can provide clients with more information on pertinent issues and create a space where individuals can connect with those who are facing similar difficulties.

Older PLWHA, and older gay and bisexual men, experience higher rates of social isolation.
RESOURCES TO TRAIN ALL STAFF IN THE UNIQUE NEEDS AND EXPERIENCES OF OLDER PEOPLE LIVING WITH HIV

The AIDS Education and Training Center (AETC), the training arm of the Ryan White HIV/AIDS Program, supports HIV education for health care professionals. AETC offers a Cultural Competency provider Self-Assessment Tool (CCPSA). Based on clinician responses to this assessment, the CCPSA tool links providers directly to other AETC HIV cultural competency and training curricula and resources. The tool asks participants about their position, the training they have received, the type of facility they serve in, and the characteristics of the high risk HIV populations they serve. Furthermore, the tool assesses provider knowledge of the HIV prevalence, social services, support systems, and customs of the primary populations they serve. Based on the responses to the questionnaire, the tool directs the provider to any necessary curricula. For example, it might suggest a training to better address the needs of HIV-infected older adults who are also facing issues of substance abuse. The tailored design of this assessment tool allows HIV clinicians to gain competency in the areas most relevant to their daily interactions with HIV-infected individuals.

The AIDS Community Research Initiative of America (ACRIA) offers excellent trainings on how to serve older adults living with HIV. Trainings address healthy sexuality, social isolation, substance use, retention in care, comorbidities, resiliency, and health promotion. To address the multiple stigmas faced by LGBT older adults infected with HIV, it is necessary to train staff in both HIV and LGBT competency. Services and Advocacy for GLBT Elders (SAGE) runs the National Resource Center on LGBT Aging, which offers in-person trainings, webinars, online resources, and publications on a wide range of topics, including how to provide culturally competent services to LGBT elders.

The National LGBT Health Education Center offers educational programs and resources in LGBT cultural competency and technical assistance to health centers, hospitals, health departments, and providers across the United States. Webinars, which are archived and available on-demand, address LGBT aging issues, HIV and aging, sexual health, transgender migrant workers, collecting sexual orientation and gender identity data in clinical settings, and other topics. Issue briefs address promoting affirming care for transgender patients, sexual transmission of hepatitis C among HIV-positive gay and bisexual men, and other topics.
RESOURCES TO SCREEN AND TREAT FOR COMORBIDITIES, DEPRESSION AND COGNITIVE DECLINE

The International Association of Providers of HIV Care offers online tools to assist providers in addressing 16 comorbidities commonly experienced by older adults living with HIV. Tools related to cardiovascular disease (CVD), for example, include routine assessments, tools for estimating CVD risk, a risk assessment algorithm, lifestyle interventions, and possible antiretroviral therapy modifications.

With estimates of HIV-associated neurocognitive disorders exceeding 50%, and with higher rates among older patients, there is a significant burden of cognitive impairment in this population. Due to earlier onset and confounding mood disturbances in HIV-infected populations, reliance on symptoms for diagnosis is insufficient. The University of California at San Francisco Memory Aging Center categorizes HIV-associated cognitive impairment into three groups: Asymptomatic Neurocognitive Impairment (ANI), Mild Neurocognitive Disorder (MND), and HIV-associated Dementia (HAD). Though AIDS-related dementia has become increasingly rare, HIV-associated cognitive disorders may include deficits in attention, information processing, language, executive function, motor skills, memory, or sensory perception. In order to diagnose impairments that affect both cortical and subcortical function, the Montreal Cognitive Assessment is recommended. Exclusive use of symptom-based screening is likely to miss over 50% of cases. Though patients are likely to experience fluctuation in their cognitive impairment, deficits are more likely to occur with increased age and with increased disease severity.
RESOURCES TO SCREEN PATIENTS/CLIENTS FOR SUBSTANCE USE, INCLUDING TOBACCO USE, AND CONNECT TO TREATMENT

Given the growing epidemic of opioid abuse that usually starts with use of pain medication for acute or chronic pain management, health care providers should ask patients to self-assess using the Opioid Risk Tool. This brief, self-administered tool can help screen out individuals with a greater likelihood of becoming addicted to prescription pain relievers. The National Institute on Drug Abuse also offers a general screening tool to assist clinicians in identifying substance use among their adult patients.

The U.S. Substance Abuse and Mental Health Services Administration (SAMHSA) has taken a number of steps to enhance LGBT cultural competency among mental health and substance use treatment providers. SAMHSA’s Center for Substance Abuse Treatment includes an Addiction Technology Transfer Center, which is currently updating a curriculum on substance use treatment for LGBT people. Titled *A Provider’s Introduction to Substance Abuse Treatment for Lesbian, Gay, Bisexual, and Transgender Individuals*, the curriculum was first published in 2001 and has been updated several times since. SAMHSA also offers an LGBT training curricula for behavioral health and primary care providers, as well as resources to help families support their LGBT children and to help mental health professionals treat lesbian, gay bisexual, transgender and questioning (LGBTQ) youth who are survivors of sexual abuse.

MODEL PROGRAMS

Smoking Cessation Interventions

The U.S. Public Health Service offers comprehensive clinical practice guidelines to help health care providers work with their patients to achieve smoking cessation. It also offers training modules that address a broad range of biobehavioral approaches to helping patients become smoke-free.

LGBT-Specific Smoking Cessation Interventions

LGBT-targeted smoking cessation interventions such as The Last Drag and Bitch to Quit show heterogeneity of results, with quit rates both greater than and less than quit rates for group-level interventions with the general population. An LGBT adaptation of the American Lung Association’s Freedom From Smoking® program was shown effective, with a self-reported quit rate of 32.3 percent, a result in the expected range for community-based smoking cessation interventions.
RESOURCES TO PROMOTE SEXUAL HEALTH AND HIV/STI PREVENTION WITH OLDER ADULTS LIVING WITH HIV

Many organizations provide guidelines and strategies for engaging in prevention education with HIV-positive clients, including the AIDS Policy Resource Center, The Body,119 the Centers for Disease Control and Prevention,120 and AIDS Project Los Angeles.121,122 Furthermore, HIV prevention social marketing campaigns targeted toward HIV-infected individuals have been successful in several states, including HIV Stops With Me in New York and Maryland.123 By sharing the personal stories of HIV positive individuals, HIV Stops With Me aims to prevent the spread of HIV while simultaneously reducing stigma by humanizing the epidemic. Many stories feature older adults who have been living with the virus for several decades, with diverse racial/ethnic, sexual, and gender identities.

Gay Men’s Health Crisis (GMHC)124 and ACRIA125 have developed social marketing campaigns to promote HIV prevention with older adults and testing to determine one’s serostatus. ACRIA also offers trainings on sexual health education with older adults and older women living with HIV through the New York State AIDS Institute,126 and a workshop describing how adhering to antiretroviral treatment reduces one’s chance of transmitting HIV to another person.127 The National LGBT Health Education Center128 and the Fenway Institute129 have extensive resources on PrEP for individuals considering PrEP and for health care providers who want to talk with their patients about PrEP.
Screening is necessary to detect and address the prevalence of elder abuse and neglect. Assessment and intervention is especially important among HIV-positive elders due to higher prevalence of social isolation and fear of rejection. According to the U.S. Preventive Services Task Force, evidence is insufficient to demonstrate the harms and benefits of screening all older adults for harm or neglect. However, The Joint Commission, National Center on Elder Abuse, National Academy of Sciences, and American Academy of Neurology all recommend routine screening, and many consider this to be a professional responsibility of physicians. Few tools have been validated for primary care settings. However, an elder abuse assessment and management flowchart is a helpful starting point. This tool provides guidance for screenings to be used based on whether or not the patient is cognitively intact, and next steps for further assessment, management and reporting of abuse and neglect.

Released in April 2016, a San Francisco Chronicle documentary titled *Last Men Standing: Forgotten Survivors of AIDS*, brings attention to the challenges faced by aging survivors of the HIV epidemic, highlighting the social isolation they experience. Older adults face unique challenges when seeking support due to many having been infected in a time before the advent of antiretroviral therapy, when most of their peers, and support networks, were not surviving. It is necessary to acknowledge this form of social isolation compounded by the isolation experienced by older adults more generally.
MODEL PROGRAMS

“40 and Forward”

In 2008, the Fenway Institute in Boston piloted a group intervention to reduce HIV sexual risk, anxiety-related social avoidance, and depression-related withdrawal among gay and bisexual men 40 and older. The intervention, titled “40 and Forward,” consisted of a series of 2-hour weekly sessions that brought together racially diverse gay men aged 49 to 71 to socialize and discuss topics like safer sex. Intervention participants reported a significant decrease in depressive symptoms as well as a significant increase in condom use self-efficacy. The intervention also helped socially isolated older gay men develop social support networks, a critical resiliency factor against HIV, substance use, and mental health issues.133

Congregate Meal Programs

The LGBT Aging Project coordinates more than a dozen monthly and weekly congregate meal programs for LGBT elders and their friends in locations across Massachusetts.134 These meal programs provide nutritional support, and more importantly, help older LGBT adults sustain and strengthen social support networks. LGBT-friendly congregate meal programs are supported by funding from the Older Americans Act, and at least five states offer them.135 Many Ryan White-funded AIDS service organizations also offer congregate meal programs, such as the AIDS Service Center of New York City (ASC NYC), and the Boston Living Center. ASC NYC provides a daily onsite meal program which serves a dual purpose of fighting hunger and building community among their clients.136

Social Group Activities

Another approach to addressing social isolation is to offer social group activities.

ACRIA holds drop-in support groups for gay men living with HIV every Thursday night at the New York City LGBT Center.137 It is important that some support services aimed at older adults living with HIV be available in the evening, as many older adults with HIV work. Many ASO services are targeted toward people who do not work and are available during the day. As more people with HIV live longer, healthier lives and seek to return to or stay in the workforce, it is important that ASOs and CBOs provide services that strengthen social support networks for all people living with HIV.
Many older adults living with HIV exhibit a great deal of resiliency. For example, individuals 50 and older are more likely to adhere to their antiretroviral treatment than younger individuals. Many are or were involved in advocacy that led to the creation of the HIV/AIDS treatment infrastructure, including many of the ASOs, CBOs, and health centers that are central to our nation’s HIV prevention and care response today. Many encouraged government agencies and pharmaceutical companies to develop more and less toxic treatment options. It’s important to keep this resiliency in mind and support it, even as we identify and respond to the social service and health care needs of older people living with HIV.

Despite this resiliency, many older adults living with HIV could benefit from improved cultural competency on the part of those providing health care and support services, sexual health education to reduce the risk of HIV transmission, strengthened social support networks, screening for comorbidities, and referral to substance use treatment and tobacco cessation services. Resources described in this issue brief can help ASOs, CBOs, and health centers to work more effectively with older adults and assist them to thrive.
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