HIV and Aging: Double Stigma

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Abstract

Purpose of Review HIV and ageism continue to be key public health challenges in the USA and globally. Older people living with HIV may experience intersectional stigma resulting from HIV and ageism. The current review summarizes the scientific literature and focuses on social isolation and lack of social support as key factors in experiencing HIV-related and aging-related stigma.

Recent Findings Social isolation and social support are key social determinants of health, which may have a bidirectional relationship with HIV-related stigma and ageism. Stigmatization may also result in health care providers not paying enough attention to the mental health and sexual health needs of older adults.

Summary Current research suggests that the intersection of HIV-related stigma and ageism is a complex issue. Future research should focus on the design and feasibility of implementing stigma reduction interventions addressing HIV-related stigma and ageism.

Keywords HIV and aging • Older adults • Stigma • Ageism • HIV stigma • HIV-related stigma

Introduction

The definition of stigma has evolved with time. Stigma was defined as “not quite human” or “tainted” by Goffman in 1963 where being different may evoke hatred or animosity from others [1]. In 1989, Campbell defined stigmatization as labeling or branding, or developing signs that “appear to justify being labeled or branded” [2]. In other words, a person is devalued due to being different [3]. Dudley defined stigma as “stereotypes or negative views attributed to a person or groups of people when their characteristics or behaviors are viewed as different from or inferior to societal norms” [4, 5].

There are consequences of stigma and these include “stereotyping, dehumanization, and dependence” [3]. Stereotyping allows for generalizations to be treated as truths [6], which can result in devaluation and dehumanization [3] of the individual or group. Dehumanization may create dependence in individuals who perceive an inability to surpass the labels [3] that are linked to their stigmatized identity. Dependence may occur as “learned helplessness” when individuals feel ashamed, expect failure, or have feelings of powerlessness [7].

One illness that continues to be stigmatized is HIV/AIDS, which continues to be a key public health challenge among older adults. Even though incidence rates have declined among older adults, approximately one in six new HIV diagnoses were among adults aged 50 and older in the USA in 2018 [8]. Older adults who are living with HIV may undergo HIV-related and age-related stigma [9]. Approximately seven in ten older adults living with HIV experience HIV-related and age-related stigma [9]. Currently, there is paucity of data
on older adults living with HIV, experience of stigma, social support, and their sexual health needs across the globe. Following the calls for attention on older PLWH in public health [10–13, 14••], we examine two salient aspects of the three-fold stigma [15], ageism, and HIV-related stigma to tease out important areas for future research and investments for older adults living with HIV.

**Age-Related Stigma/Ageism**

Ageism is defined as the “negative attitudes, stereotypes, and behaviors that are directed towards older adults based solely on their perceived age” [16, 17], and has been found in a variety of places including at work, or in health care settings [17]. It has also been defined as the stereotyping of and discriminating against people due to their older age [18], in addition to avoidance of dealing with their challenges [2].

Ageism consists of three facets: cognitive, affective, and behavioral [19]. It is important to note that implicit attitudes and stereotypes do not only apply to race but are also applicable to aging [19] in a variety of areas such as housing, work, healthcare, and among family and friends [17]. Implicit ageism is said to be more prevalent than [20, 21] but has similar effects to explicit ageism [22].

Ageism can be based on the perceiver’s perspective as well as the perspective of older adults [17] and can be expressed at the micro-, macro-, and meso-levels [19]. Indeed, internalized ageism was a major theme emerging from interviews of adults aged 50 and older living with HIV [9]. The perceptions of older adults are complex and may include negative as well as positive perspectives [17]. Positive stereotypes tend to be associated with the “young-old” (aged 55–64) while negative stereotypes tend to be linked with the “old-old” (aged 75 and older) [17]. The main determinant of internalized ageism was found to be health status while determinants of ageism directed towards others was quality of contact with older adults, and the presentation of older adults to others, whether positive or negative [19].

**Ageism and Adverse Outcomes**

Ageism has been shown to be associated with a variety of outcomes such as mortality and physical and/or functional health including frailty [23], subjective accelerated aging (the rate at which someone feels he/she/they are aging) [24], mental health, cognition, overall quality of life, and health behaviors [25••]. The operationalization of ageism also plays a significant role in these associations: age stereotype [25••], self-perceptions of aging [25, 26], and age discrimination [25, 26]. Significant moderators in the association between ageism and health included self-relevance, and demographic characteristics such as age, race/ethnicity, gender, and perceived social status [25••]. In addition, the link between ageism and subjective accelerated aging is moderated by self-age awareness and other-age awareness [24]. Ageism has been found to be negatively associated with measures of well-being with the religiosity level of the country serving as a moderator in this relationship [27]. The higher the religiosity level of the country is, the less evident is the relationship between ageism and well-being. Ageism was also associated with dementia-related anxiety or the fear of developing Alzheimer’s disease and related dementias [28]. Nevertheless, at the structural level, ageism has been shown to be linked to cultural aspects such as greater levels of masculinity and long-term orientation (“the extent to which a culture programs its members to accept delayed gratification of their material, social, and emotional needs”) [29]. Ageism has shown to be significantly reduced when the percentage of older adults is greater and with greater increases in life expectancy [30].

Stereotypes such as forgetfulness and mental incompetence are also salient, which can result in negative behaviors towards older adults [17]. These negative behaviors can also impact healthcare for older adults and specifically prevent access to mental health care [31]. Aging sexual stigma may result in a lack of sexual health care for older adults [32]. Nevertheless, cognitive behavioral therapy has been shown to reduce ageism among health care providers [33].

**Ageism, Social Isolation, and Social Support**

Many older adults experience social isolation [34], which is a major public health challenge [35]. Older adults are more likely to experience social isolation due to role transitions, changes in physical and mental health, and views of society [35]. Social isolation may signify a lack of social support, and has been linked to negative impacts on income, ability to deal with elder abuse, and successful aging [34]. Indeed, social isolation and social support have emerged as key social determinants of health [35]. Lack of social support was found to be associated with greater anxiety towards aging [36]. Loneliness, which may result from social isolation may impact physical and mental health outcomes such as depression, cognition, and also increases the risk of mortality [37••]. Ezra and colleagues proposed three mechanisms via which ageism is a contributing factor to loneliness and social isolation: (1) social rejection, which may result in avoidance and withdrawal from social participation; (2) internalization of stereotypes which suggest that being older signifies inevitable loneliness; and (3) discrimination that accentuates social exclusion of older adults [37••]. Age-related stigma or ageism can exacerbate social isolation and decrease social support for older adults.

**HIV-Related Stigma**

People living with HIV (PLWH) now live longer because of recent advances in antiretroviral therapy (ART). Although ART access was initially restricted to high-income countries, large global investments into HIV programs has made access
to ART possible for PLWH, especially those in sub-Saharan Africa (SSA)—a region with the highest number of PLWH [10, 38]. These investments had significant impact on the drastic reduction in AIDS-related mortality as well as the improved life expectancy of PLWH [10, 14••, 39, 40]. PLWH are more likely to have a normal life expectancy or 20 to 50 years following HIV infection [41, 42]. Like the United States and other high-income countries, half of PLWH in SSA are 50 years and older [13, 14, 41, 43, 44•]. In fact, an estimated 10 million PLWH in SSA will be above age 50 years by 2040 [45]. However, little is known about aging with HIV and associated stigma. Older adults aging with HIV face various challenges such as accelerated aging, stigma, frailty, and other comorbidities [10, 43]. To date, the global response to HIV predominantly focuses on mothers, children, adolescents’ girls, and young women while ignoring the needs of older adults living with HIV [13, 14••].

Stigma has been established in several studies as the main driver of the HIV epidemic as well as a major barrier to the HIV care cascade [42, 46–48]. This is further complicated by “ageism” especially among older adults living with HIV [49]. Stigma reduction or eradication is key to achieving the ambitious zero new HIV infections by 2030 by UNAIDS [42, 50]. Despite the calls to eradicate stigma, it remains a major barrier in HIV care with very few interventions aimed at reducing stigma among PLWH [51–53]. Systematic reviews of HIV-related stigma found that despite the improvement in stigma research, there is a lack of data on stigma interventions across the world [53•, 54•]. There is still a need for further research on HIV-related stigma and interventions to achieve the ambitious UNAIDS 95-95-95 strategy of ending the AIDS epidemic.

Isolation of Older Adults in Global Response to HIV: a “Brewing Epidemic”

The United Nations high-level meeting on AIDS and non-communicable diseases held in June and September 2011, respectively, highlighted the importance of combining HIV services with maternal and child health services but ignored the growing evidence on aging with HIV [13, 14••]. A decade later, little attention has been paid to this issue that requires urgent attention. Older adults are often not seen as an HIV risk group due to the misconceptions that they are not sexually active, thereby ignoring their sexual health needs in the global response to HIV. HIV prevention programs hardly focus on older adults [10, 13, 55, 56]. Misconceptions, lack of tailored HIV programs, and tailored health resources make it difficult for older adults to seek medical help given the assumption that they are sexually inactive. In fact, healthcare providers are less likely to discuss HIV testing or other related issues with older adults [14••, 56]. Mutevedzi & Newell concluded that despite the high number of HIV infections among older adults in SSA, they are largely excluded in the HIV response [55]. Similarly, in the United States, it was reported since the early 90s that healthcare providers were not paying attention to HIV infection in older adults because they assumed that older adults were not sexually active, and, therefore, not at risk of contracting HIV [13, 57–59].

Studies have shown that providers were less likely to associate HIV-related symptoms to HIV acquisition in older adults because of the perceived assumptions that older people are not at risk of contracting HIV [55, 60, 61]. In contrast, data from South Africa, United States, and United Kingdom found that a substantial number of older adults aged 50 years and above tested positive for HIV [55, 62–64]. Contrary to the misconceptions that older adults are not sexually active, literature has consistently shown that older adults aged 50 years and above are sexually active [55, 65]. Data from Asia [66], Africa [55], Europe [67], and the USA [68] show that older adults, particularly men, engage in sexual activity. Studies from high-income countries showed limited HIV knowledge among older adults when compared to younger people [13, 69]. There is consistency across different settings that older adults are less likely to use a condom, thereby increasing their risk of contracting or transmitting HIV especially in SSA where age-disparate sexual relationships are common [13, 55, 70, 71]. A recent review of global HIV and aging revealed that little is known about HIV knowledge and sexual practices of older adults across the world [56]. This evidence reveals the need to prioritize the sexual reproductive health needs of older adults if we are to achieve the ambitious UNAIDS 95-95-95 strategy. This is because they are more likely to engage in risky sexual behaviors, acquire, and transmit HIV without adequate HIV knowledge. Addressing the needs of older PLWH will require a rethinking and some investments such as human resources (e.g., geriatric clinicians), strengthening the health systems, and clinical infrastructure [10, 14••, 43].

Informal or Formal Social Support? Exploring HIV-related Stigma Among Older Adults Living With HIV

HIV-related stigma affects older PLWH as well as their relationships with family and friends [46, 72, 73]. Literature has consistently shown that older PLWH are more likely to experience higher levels of stress due to social isolation [44••, 46, 72, 74]. Similarly, fear of stigma and non-disclosure of HIV status could affect older PLWH willingness to access social support [46, 72]. Studies have shown that supportive environment and social relationships can build self-esteem and self-efficacy of older adults living with HIV [46, 72]. Also, research from SSA has shown that access to HIV services and social support impacted the overall wellbeing of PLWH [10, 47]. Similarly, research from the United States showed the importance of support networks,
self-reliance, coping strategies, and mental health on healthy aging among PLWH [42, 72, 75]. However, the description of healthy aging gives credence to individual roles and responsibilities within family and social networks in SSA, thereby putting pressure on older PLWH [76, 77].

Most studies on social support of chronic disease self-management focused on informal sources of social support such as care provided by family or friends [44, 78, 79]. However, little is known about formal social support such as help from healthcare providers. Evidence has shown that some older adults may rely on formal sources to provide both instrumental and emotional support. A study concluded that many older adults living with HIV may be isolated from support from family members or friends and must depend on many informal sources of social support to provide both instrumental and emotional support. In contrast, social support needs of older PLWH are often ignored by formal sources of support as described above given that both “older age” and “HIV” are highly stigmatized. Thus, both formal (e.g., healthcare providers) and informal (e.g., family) social support have significant roles to play in the psychological, physiological, and health outcomes of older adults living with HIV.

Conclusion: Way Forward

This review highlights the need for a global response to address the intersection of HIV and age-related stigma. Indeed, one of the perceived barriers to receiving social support from family friends among older adults living with HIV was ageism [81]. Decades of HIV research across the world demonstrated priority interventions and several gains (e.g., the introduction of ART and preexposure prophylaxis (PrEP) in reducing AIDS-related mortality and by keeping the epidemic under control). Despite these gains, older adults living with HIV are constantly excluded from HIV programs. Of importance will be formative research on the experiences (including their experience of stigma and coping strategies) of older people living with HIV as well as their sexual health needs. It is often assumed that older people (irrespective of their HIV status) are not sexually active; therefore, most current health interventions or programs exclude older adults. Preliminary data would subsequently help in developing culturally acceptable tailored interventions for their needs in different settings. To sustain the gains of global investment in the HIV care cascade, there is a need to prioritize stigma reduction interventions and sexual health needs of older adults living with HIV.

Human and Animal Rights and Informed Consent

This article does not contain any studies with human or animal subjects performed by any of the authors.

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Conflict of Interest

Monique J. Brown and Oluwafemi Adeagbo declare that they have no conflict of interest.
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