A review of the syndemic components of male same-sex intimate partner violence

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Received: August 29, 2014 Accepted: October 16, 2014 Online Published: October 19, 2014

DOI: 10.5430/jnep.v5n1p19 URL: http://dx.doi.org/10.5430/jnep.v5n1p19

Abstract

Intimate partner violence is an underreported, stigmatized, and deleterious reality affecting a greater proportion of gay and bisexual men than their heterosexual counterparts. Syndemic theory suggests that many health conditions do not occur in a vacuum, but rather act synergistically, with factors reinforcing each other. Syndemic factors for those who experience male same-sex intimate partner violence (MSSIPV) include depression, sexual compulsivity, substance abuse, childhood sexual abuse (CSA), and HIV infection. This manuscript contains a review of the literature on syndemic factors of MSSIPV that increase negative health outcomes. Acknowledging and understanding the interrelation of these problems is a critical step in developing interventions to address this syndemic in the population of gay men.

Key Words: Intimate partner violence, Male same-sex intimate partner violence, Childhood sexual abuse

1 Introduction

Intimate partner violence (IPV) affects couples in all population groups. Historically, IPV was considered a heterosexual issue, with males as the perpetrators of violence against heterosexual women who encountered an indifferent police response, a minimizing of abuse by authorities, and a lack of available resources to address the problem. While extensive literature was available about heterosexual IPV, until the mid-1980’s such violence was invisible in the gay male community. The past thirty years has seen a gradual acknowledgement of the existence of the problem of male same sex intimate partner violence (MSSIPV), or “a pattern of violent and cohesive behaviors whereby a gay man seeks to control the thoughts, beliefs, or conduct of an intimate partner or to punish the intimate for resisting the perpetrator’s control”. Recognition of MSSIPV is an important step in the development of effective interventions. The goal of this paper is to summarize relevant literature on the interrelated factors associated with MSSIPV.

2 Methodology

Using the search terms gay men, same-sex intimate partner violence, and domestic violence, CINAHL, MEDLINE, PubMed, and PschINFO were searched for information on MSSIPV and its link to other syndemic variables. An initial review was done to estimate the amount of potential MSSIPV in the current literature. This was followed by an assessment of associated factors, or syndemic variables, consolidating and matching evidence with health outcomes and discussing possible interventions.

3 Findings

3.1 Estimating MSSIPV

Challenges exist in accurately estimating victims and perpetrators of MSSIPV because general discrimination against LGBT individuals makes acknowledgement a source of fear and stigma. Such discrimination is still legal in many states, leaving many gay men closeted and able to be outed by...
a partner, an issue non-existent in heterosexual relationships.\[4\] Early male physical socialization with rough play and competitive sports easily translates into normalized aggression between two men in a romantic relationship.\[5\] Gay men also face the barrier of societal homophobia and heteronormativity, that is, society's view of homosexuality as deviant and that everyone who is not heterosexual, is not 'normal'.\[6\]

In the 21st century, the United States has undergone a change in perspective on homosexuality, with society more accepting of the LGBT community. The landmark Federal Supreme Court case, United States vs. Windsor (2013), which overturned the 1996 federal Defense of Marriage Act and allowed State Supreme Courts to decide marriage qualifications in their own states, the rescinding of the discriminatory military policy of “don’t ask, don’t tell,” and possible passage of the Federal Employment Non-Discrimination Act are all promising signs of progress.\[7, 8\] Gay marriage is on the legislative agenda in many states and is currently legal in 19 States and the District of Columbia, with state Supreme Courts considering anti-gay marriage laws unconstitutional on an almost monthly basis. However, discrimination and social stigma continue to exist for gay men, especially those who are young and/or from racial/ethnic minority populations.\[9, 10\] This stigma, along with bullying of non-gender conforming adolescents and negative media messaging results in high rates of mental health problems among gay men.\[11\]

Over the past twenty years, researchers have identified varying rates of MSSIPV, including psychological abuse rates between 33% to 73.2%,\[12\] sexual violence rates in current relationships from 9.8% to 28.1%,\[13\] and physical abuse rates from 11.8% to 45.1%.\[14\] A methodological weakness of many of the studies of MSSIPV is the widespread use of convenience samples and the lack of studies using random sampling. The use of such samples is often necessary because of the social stigma attached to gay status, leaving many reticent to disclose identity. Hospitals and insurance records often lack relevant identifiers and few databases are available that contain a list of gay males ready to participate in a survey.

The most widely used sample for assessing MSSIPV is that of Greenwood\[15\] and colleagues which used the Urban Men’s Health Study, which recruited from the large urban areas of San Francisco, Los Angeles, Chicago, and New York City. This study used random sampling methodology through random-digit dialing in census tracks with high numbers of gay/bisexual men, or men who have sex with men (MSM). To identify its 2,881 participants, the study applied the definition of abuse available from the standardized and routinely used Conflict Tactics Scale instrument.\[16\] The results are the most widely referenced indicator of urban MSSIPV and reported that 39.2% of the sample of MSM had experienced victimization of at least one form of abuse in the last five years. Psychological abuse was experienced by 34% of the sample, physical abuse by 22% and sexual by 5.1%.

Some international studies have been conducted on MSSIPV. For example, DiStefano\[17\] and Mak, Chong\[18\] reported MSSIPV in Japan and Hong Kong, respectively, albeit with small (n < 400) sample. A study of MSSIPV in six countries including the United States, Canada, United Kingdom, Australia, South Africa, and Brazil reported rates of MSSIPV similar to the United States.\[19\] Generalizability of these results to U.S. populations is limited because of the different cultural structures in these countries.

3.2 Factors associated with MSSIPV

A variety of correlates of MSSIPV have been identified, including childhood sexual abuse, substance abuse, depression, sexual compulsivity and HIV infection.

The association between childhood sexual abuse (CSA) and MSSIPV is strong with reported rates between 11%-37%; these rates are higher for African-American MSM, where sexual and physical abuse at an early age correlate highly with not only MSSIPV but also depression, substance abuse, suicide attempts, alcoholism, smoking, sexually transmitted disease, severe obesity, and a myriad of chronic diseases.\[14, 20\] A meta-analysis reported that sexual minority children/adolescents have much higher rates of CSA, parental psychical abuse, assault at school, and fear of assault at school, than non-sexual minority children.\[21\] A history of CSA was the strongest predictor of victimization;\[22\] this may be explained by internalization of early sexual abuse that serves as a template of normality for gay men. Along with social stigmatization, gay men may subconsciously have normalized such violation at a younger age, and thus continuation warranted at a later age.

Substance abuse is higher among gay men than heterosexual men and among victims of MSSIPV. Groups of gay men who both abuse drugs and are HIV-infected have the highest rates of MSSIPV.\[23\] Among gay men who were involved in mutual partner violence or in which both participants were aggressors, self-report of multiple substance abuse are unusually high at 64% (Kelly, Izenicki, Bimbi, & Parsons, 2011). Substance abuse rates as high as 50% have been reported among Hispanic MSM\[24\] MSSIPV, substance abuse and sexual risk seem to be identified together in foreign born Hispanic MSM, with one study reporting 56% of rural, immigrant MSM using marijuana and 27.1% cocaine; high levels of risky sexual behaviors and sex with multiple partners.\[25, 26\] Drug and alcohol use, including the use of methamphetamine, which is particularly popular among gay men lowers sexual and physical inhibitions and alters critical thinking, both of which lead to high risk sexual behavior and aggression.\[27, 28\] Higher rates may also be a function of stigma and discrimination in the homes, workplaces, and
communities of gay men.[24,29]

Depression rates and other mental health problems in the form of affective disorders, anxiety disorders, and prevalence of suicide attempts are higher among gay/bisexual men compared to heterosexual.[30] The large random sample of Urban Men’s Health Study reported 17% of MSM self-reported as depressed, with another 12% reporting as distressed (a less symptomatic form of depression).[31] Similar to patterns of victimization of heterosexual IPV, gay men in abusive relationships have higher rates of depression and other mental health issues, participate in high-risk sexual behavior, and utilize illegal substances than those who are not in an abusive relationships.[32] Among Hispanic MSM, depression has been reported in approximately 25%–33%.[24] The Multicenter AIDS Cohort Study (MACS) study reported high rates of depressive symptoms among gay/bisexual men.[33] This study was the first to institute a life course discussion of exposure to stresses that coincided with later syndemic production variables. A possible pathway exists from childhood and adolescent stressors of bullying, violence, or other gay-specific childhood challenges to mental health challenges and depression in later adulthood.[7]

Sexual compulsivity is the constant and increasing attraction for sexual conquests and sexual actions that lead to disruption in a person’s emotional and psychological life.[34] MSM who are sexually compulsive have higher rates of unprotected anal intercourse, higher number of different sexual partners, more sex under the influence of drugs, greater rates of sexual transmitted diseases, greater rates of HIV infection, and less disclosure of HIV status than those who are not sexually compulsive.[35–37] Sexual compulsivity is highly correlated with MSSIPV, depression, CSA, and multi-drug use.[34] As sexual compulsivity is also correlated with MSSIPV, partner shaming or passivity by the abused partner is considered “normal” or “acceptable” behavior for those who are or feel that their partners are not worthy of respect.

HIV-infected individuals have high rates of MSSIPV, ranging from 22.4% to 85.4% depending on the sample size, methodology, or instruments used to assess for IPV.[23,38] HIV-infection is highly correlated with CSA, MSSIPV, depression, and substance abuse, as well as sexual compulsion and tobacco use.[28,39] The greater the number of these correlations, the higher the rate of HIV-infection. Though not fully explored at all levels, sexual risk taking is synergized by substance usage and tenants of mental health issues such as hostility, depression, and anxiety, which lead to HIV-infection.[40]

### 3.3 What is a syndemic?

A syndemic is a collection of related variables that explain negative health outcomes for specific populations of people. The term refers to an amalgamation of epidemics that work synergistically and collectively to make each of epidemics more egregious than if approached alone.[28] The word “syndemic” is a portmanteau, or a word that blends two ideas or concepts together.[39] This neologism begins with synergy, that is, when two or more things work together than just an original premise, and demic, which is a Greek word meaning people or population.[39] A syndemic is a situation where a population is affected by two or more variables that inflict damage more effectively and cumulatively than any single variable.

Singer[41] originally developed the idea of a syndemic in his examination of substance abuse, violence, and HIV/AIDS among Puerto Rican men in Hartford, Connecticut, documenting the collective, increased propensity for each of these factors to reinforce each other and made the rate of each greater than if they had occurred alone. Syndemics have also been suggested for the confluence of risk behaviors reported in certain Hispanic populations and for the problems facing women in the criminal justice system.[32,43] Acknowledging the existence of syndemics allows researchers and clinicians to focus on these specific correlates and to better able to provide interventions and plans of treatment.

### 3.4 MSSIPV as a syndemic

While most research addresses MSSIPV as an isolated problem, the reality is that MSSIPV does not occur in isolation. Gay men appear to have more negative physical and mental health outcomes than the general population which are hypothesized to be the result of the stigma, discrimination, and internalized homophobia of many gay men.[28,44] Specific outcomes include a significant correlation between MSSIPV and depression,[45] sexual compulsivity,[34] childhood sexual abuse,[22,46] substance abuse,[32,47,48] and HIV infection.[34,49–51]

The syndemic factors of sexual compulsivity, depression, childhood sexual abuse, intimate partner violence, and polydrug use have all been reported to have strong associations with high-risk sexual behavior and HIV-infection.[34] This has been duplicated in a cross-sectional study in four large cities with high proportion of gay men[52] and with an urban and diverse sample of young men who have sex with men (YMSM).[53] Cigarette smoking, another potential syndemic variable, was highly correlated with heavy alcohol use, depression, and intimate partner violence, as researchers advocated a generalized approach to smoking cessation.[54] Cigarette smoking was also much higher for those HIV-infected and experiencing IPV along with independent association with childhood sexual abuse and prior mental health issues.[23] Through structural equation modeling, mental health issues and substance abuse comes before high-risk sexual behaviors in regard to activity; whereas prior research that used regression and correl-
ative models subsume simultaneity with which these correlates match.\[^9,55\]

### 3.5 Minority syndemics

Higher rates of abuse experienced by sexual minority youth may be the driving force behind mental health problems, substance abuse, high risk sexual behavior and HIV-infection; this population is more likely to experience sexual abuse, parental physical abuse and assault at school compared to sexual nonminority individuals.\[^21\]

Additionally, youth that hit earlier milestones of disclosing sexual orientation and first awareness of same-sex attraction have much higher rates of adulthood harassment, depression, intimate partner violence, and HIV-infection.\[^56\] Klein\[^57\] used syndemic production and structural equation modeling to demonstrate that condom usage for gay men was largely determined by childhood maltreatment, psychological functioning, and attitudes toward personal safety to whether compliance with condom usage was consistent.

Bisexual and gay male Hispanic men have higher rates of perpetration and victimization of MSSIPV along with other syndemic challenges such as depression and drug abuse.\[^58\]

Another study that focused exclusively on gay and bisexual Hispanic men, identified lifetime IPV at 52\%;\[^59\] HIV-infected men with higher rates of IPV also had higher rates of high risk sexual behaviors.\[^12\]

These same Hispanic gay men have much higher rates of unprotected anal intercourse and binge drinking.

African-American gay men also identified high rates of syndemic variables with many relationships between such variables; most notably that substance abuse was a clear indicator for MSSIPV.\[^7\]

Interestingly, gay neighborhoods were protective of substance abuse for men of color.\[^27\] Structural equation modeling suggest that HIV prevention programs and HIV care must be congruent and simultaneous with drug abuse messaging and mental health therapies.\[^55\]

Canadian researchers identified those that experience IPV and are HIV-infected have lower engagement with medication adherence and progress faster to AIDS diagnosis with increased hospitalization, than those who do not experience IPV, especially for non-Caucasians.\[^23\]

Men of color who have unprotected anal intercourse with other men also tended to have sex with those of unknown or serodiscordant HIV status, be under the influences of drugs, and seek sex on the internet.\[^60\]

Stress over one’s self-identity as a sexual minority may be the basis for this syndemic and the confluence of behaviors. Meyer\[^44\] proposed a theoretical framework of minority stress, which was based on the constructs of sex, race, and sexual orientation and suggested that the conventional culture ascribes “defectiveness” to those that do not mirror the majority. Minority individuals may, in turn, incorporate and internalize societal messages, whether overt or slight, into their psyches.\[^61\]

The repeated, unmediated occurrences of these stressors lead to maladaptive responses by the individual and negative mental health conditions. Minority stress theory suggests that MSSIPV is a maladaptive behavior resulting from being a sexual minority member.

Meyer\[^44\] focused exclusively on gay men and posited that the maladaptive behaviors were due to internalized homophobia, a perceived stigma of being a sexual minority member, and discrimination, the actual external harm. It is not a coincidence that this perceived stigma has segued into an HIV-stigma that also shares the same syndemic components of mental health disparities and high-risk sexual behaviors. Depression and traumatic lifetime events have a strong correlated relationship with HIV infection, which is partially mediated by high-risk sexual behaviors.\[^62\]

On the protective side, family acceptance during the “coming out” process for gay teenagers may counter depression, suicidality, and substance abuse.\[^63\]

This family acceptance predicts better overall social supports, promotes greater self-esteem, and more positive health status than those who do not have such acceptance. In a study of young gay men, frequent drug use, large party scenes, hostility, depression, and anxiety, along with substance abuse, synergistically, led to sexual risk taking.\[^40\]

### 4 Discussion

Identifying MSSIPV as a syndemic allows researchers and practitioners to develop interventions that address its interrelated components. Unfortunately, specific strategies to address these interrelated issues are not readily apparent.

Focusing on just MSSIPV will not be successful with individuals who have depression, a past history of CSA, and drug use. Treatment and/or therapy must be included not just MSSIPV, but also drug addiction, sexual compulsivity, and depression. For those who are at high-risk for HIV-infection, programs must also include content that concurrently acknowledges substance abuse and other mental health issues.\[^64\]

As an example, some researchers have discussed higher rates of substance abuse, mental health issues and HIV-infection of gay men, while resilience and social supports may provide a mediating role with this population.\[^11\] Childhood sexual abuse, bullying of adolescence peers, and the early onset of smoking, not only raises the rate of potential MSSIPV, but can be thwarted with well-timed and positive influences by parents and school administration.\[^65\]

Health care and social service providers must be cognizant of the signs and symptoms of MSSIPV. Gay men presenting with one of the syndemic variables are highly likely to others.

Being competent in LGBT healthcare and most importantly, healthcare regarding MSM, especially if the provider is heterosexual, is paramount for effective communication be-
Syndemics should be handled in a multi-disciplinary manner, and not pigeon-holed into diagnostic medical model categories. Clinicians must incorporate all the issues with which a gay male patient presents for proper treatment and coalesce other syndemic variables into an evidence-based and social coherent treatment plan that is straightforward and free from stigmatizing discussion of the patient’s orientations or life choices. While clinicians may be reticent to open the proverbial Pandora’s Box of MSSIPV, depression, drug abuse and past CSA, effective cultural competence demands such an approach with this vulnerable population.

References


