Health, Illness, Men and Masculinities (HIMM): a theoretical framework for understanding men and their health

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Abstract

Gender, the complex of social relations and practices attached to biological sex, is one of the most important socio-cultural factors influencing health and health-related behavior. Although a large body of health research suggests that men with similar social disadvantages as women experience poorer health outcomes in relation to disability, chronic illness, injury rates and mortality, men’s health is rarely deconstructed through the lens of gender. The purpose of this article is to increase understanding of the ways in which masculinities intersect with other social determinants of health creating health disparities among men, and to provide direction for masculine affirming health interventions aimed specifically at men. With the goal of promoting the health of men and decreasing health disparities, the authors have developed, within the Canadian context, an innovative theoretical framework for men’s health, Health, Illness, Men and Masculinities (HIMM), based on the influence of masculinity throughout the lifecourse. We discuss three main phases of men’s lifecourse showing how masculinity intersects with other social determinants of health differently during youth, middle-age and the older years. The HIMM Framework points to the need for research and theory development that moves us beyond a limited focus on any one individual man to consider men’s health and illness practices in the larger social context within which masculinity is defined and produced. It can thus advance men’s health research and theory development, and provide direction for policy, education, health care delivery and health promotion initiatives aimed specifically at men in many locales, contexts and countries. © 2010 WPMH GmbH. Published by Elsevier Ireland Ltd.

Background

Gender, the complex of social relations and practices attached to biological sex, is one of the most important socio-cultural factors influencing health and health-related behavior [1], but rarely is men’s health deconstructed through the lens of gender [2,3]. A large body of health research suggests that men with similar social disadvantages as women experience poorer health outcomes in relation to mortality, disability, chronic illness, and injury rates [4]. For example, using age-standardized frequencies to control for the greater life expectancy of women, data from Statistics Canada in 2005 showed that men are 39% more likely to die from diabetes, 84% from arterial diseases, and 78% from heart disease [5]. Men of all ages experience a significantly higher mortality rate from all kinds of cancer (using age-standardization and excluding sex-specific cancers), and this higher rate of death in men becomes even more pronounced for men over age 65 [6]. Men’s rate of lost years of life is twice that of women, primarily due to men’s higher mortality from heart disease,
suicide and motor vehicle accidents [7,8]. Despite gender being widely acknowledged as a determinant of health, this kind of research fails to explain the mechanisms by which gender influences men’s health. For instance, although substantially higher rates of lung and oesophageal cancer in men have been linked to smoking patterns and explained by factors such as lifestyle, genetics, health knowledge, uptake of screening, and help-seeking behavior [6], the connections between men’s everyday smoking practices and masculinity have rarely been explored [9,10]. Schofield et al. [4] reveal how the dominant discourse on men’s health can oversimplify by generalizing men’s poor health outcomes as a “combination of social disadvantage and an ill-defined state defined by such phrases as ‘being a man.’” Furthermore, most of the men’s health literature is based on sex differences and quantitative rates of difference in illness outcomes for men as compared to women [4]. This limitation points to the need for research that is capable of producing gender-sensitive analyses of men’s lives and masculinities in relation to health and illness.

Men, masculinities and gender ideology

Connell [11] defines masculinity as a social construction dependent on a specific historical time, culture and locale. Such a definition captures the complexity of men’s lives, which “like all lives, are always individual, always particular and inexhaustibly various”[12], and moves us away from the essentialist notion that a relatively stable or unitary masculine essence exists that defines men and differentiates them from a feminine essence that defines women [13]. Masculinity is also defined in relational terms, as that which is not feminine [14,15]. In addition, within any given society there can exist a hierarchy of masculinities with an idealized version being dominant or hegemonic [15]. In Western culture, contemporary hegemonic masculinity is associated with being White, heterosexual and middle-class, and possessing stereotypical masculine traits of assertiveness, dominance, control, physical strength and emotional restraint. As a result, many men experience subordination and marginalization as a consequence of not measuring up to the ideal standard against which all men are judged. Indeed, Connell suggests that only a small percentage of men actually can and do measure up to a hegemonic version of masculinity [16]. This has significance in relation to men’s health practices—particularly for boys and men who jeopardize their health striving to demonstrate this ideal.

Although some men achieve power and prestige in patriarchal societies, in general, men are more constrained than women by gender ideologies, receiving greater scrutiny and stigma should they deviate toward un-masculine or feminine practices, and fail to embody or reject idealized productions of masculinity [14]. Maintaining hegemonic masculine identities can be challenging for men given that identity is performatively constituted [17] and manliness measured by the continual proving of manhood [18]. In other words, men are only as masculine as their last demonstration of masculinity [19]. Therefore, men participate in ‘risky’ practices that cause them hardship and pain, illustrating the way in which gender operates within an informal but powerful ideology of gender difference [18].

Masculinity as a determinant of health

Canadian health researchers have identified gender as an important social determinant of health [9,20–22]. More recently, researchers have begun to investigate how sociological theories of gender may influence men and women’s health within the social context of their everyday lives [10,23–25]. In 2000, the World Health Organization (WHO) acknowledged the need to pay greater attention to the shorter life expectancy of men and identified a lack of understanding of the role of ‘masculinity’ in shaping men’s expectations and behaviours as a primary causative factor for the health disparity between men and women [26].

Health promoting and coping behaviors are aligned with constructs related to traditional femininity (caring) and masculinity (stoicism), and health practices and behaviours may be understood as activities by which we construct our understanding of self and gender [27]. Increasingly, literature reveals that being a woman is the strongest predictor of preventative and health-promotion behavior [28,29].
Women employ more effective coping strategies, are more likely to seek social support, and are more effective in the provision of support than men [28]. Because health-promoting behaviors are linked with femininity, and risk-taking health behaviors are linked with masculinity, men’s alignment with masculine ideals is theorized to contribute to the health disparity between men and women. Courtenay [30] illustrates the risk associated with masculinity by suggesting that men who fall short of achieving idealized masculinity feel stigmatized or marginalized and respond through socioculturally-defined compensating behaviors that place them at high risk of injury and illness. He adds that men will often prefer to face risk and physical discomfort rather than be associated with traits perceived to be feminine, such as vulnerability, dependence and weakness [28]. Furthermore, because illness is associated with weakness and vulnerability, we understand men’s perception of illness and reluctance to seek treatment as the avoidance of femininity or perceived emasculating behaviors. For example, African–Canadian men in Nova Scotia avoided digital rectal exams for prostate cancer screening because of the association between the penetration of men’s bodies, homosexuality and compromised masculinity [22]. Prostate cancer generates intense emotions connected to a sense of loss in masculinity resulting from treatment side effects such as impotence and incontinence [31]. As suggested by Oberst & James [32] and Oliffe [33], sexual dysfunction can have a more significant impact on men than the disease itself. In fact, men will avoid accessing cancer care for as long as possible, because not knowing is deemed preferable to knowing and undergoing emasculating treatments [22].

The relationship of masculinity to health is reciprocal in nature and most evident in situations when an illness or disease is specifically identified as ‘feminine.’ Although only 1% of men make up breast cancer cases, men diagnosed with this ‘feminine’ cancer suffer a fatality rate double that of women (31–33%). Men reported feeling “shocked and foolish” for having been diagnosed with a “female cancer” [34], their threatened masculine identities the primary cause for delaying diagnosis and/or treatment [35]. Reinforcing the feminine identification of breast cancer, the Canadian Cancer Society and the American Cancer Society focus on women (fund raisers, pink ribbon campaign, breast self exam, etc) and exclude men as potential victims of breast cancer. The message that men can develop breast cancer remains silent.

The tendency for many men to engage in high risk practices (e.g., excessive use of alcohol; high speed driving etc), avoid preventative care, delay treatment, and ignore health information and physician recommendations can be interpreted as practices of masculinity and, in turn, contribute to poor health outcomes for men [1,36,37]. That said, in most health analyses that have conceptualized ‘men as gendered’, little attention has been given to the ordinary, everyday practices that constitute masculinity [12,38–40] and their effect on individuals and diverse cohorts of men, as well as the broader collective of men in Canadian society.

### Multiple masculinities and men’s health

The concept of multiple masculinities, hegemonic, complicit, subordinate and marginalized forms [15], reflects the social diversity of men associated with age, race, ethnicity, culture, class, sexuality, ability, etc. Men who belong to subcultures categorized by marginalized masculinities based on race, ethnicity or sexual orientation experience poorer health outcomes than other groups of men. Gay men (marginalized in Connell’s schema), suffer the consequences of homophobia through violence, social isolation, high-levels of suicide, self-harm, and unsafe sexual practices [41]. Likewise, First Nations (Aboriginal) men living off-reserve experience poorer health than the general population in all parts of Canada, urban or rural [42], and registered First Nations men die an average 8.1 years younger than men in the general Canadian population [43]. A review of the social determinants of health for African–American men in the USA identified racism, lower socio-economic class, and incarceration as key determinants of health status [44]. The health of African–Canadian men is poorly understood; however, USA statistics indicate that the life expectancy of African–American men is 5.5 years less than that of White men. Black men also lead White men in death rates from stroke, homicide, diabetes,
and HIV [45]. Furthermore, research with African–Canadian men in Nova Scotia communities concluded that prostate cancer may have greater impact on Black men than White men because, culturally, sexual virility and prowess were perceived to be the primary avenues available for Black men to affirm masculinity in the face of their limited access to other resources such as high status employment [22]. In this instance, gender was inextricably linked to other health determinants such as socio-economic status, employment, education, and rural location.

Such findings show how health determinants within specific subgroups are not generalizable to all men; conversely, some groups of men may not experience specific health factors that have been deemed characteristic of all men [4]. By taking into account the social diversity across men, the ‘traditional’ men’s health discourse is challenged to acknowledge that men are not one overarching or homogenous category [4]. In addition to multiple masculinities across the category ‘men’, what it means to be a man and practices of masculinity change in response to locale, life events and aging across the lifespan. For men, age has a significant impact on health in light of age-related constructions of masculinity. Men define and redefine masculinity based on life events and the social context of their experiences throughout the lifecourse [1,3,20].

The focus of this article is to increase our understanding of the ways in which masculinities intersect with other social determinants of health creating health disparities among men, and to provide direction for masculine affirming health interventions aimed specifically at men. With the goal of promoting the health of men and decreasing health disparities, in what follows we describe an innovative, Canadian based, theoretical framework for men’s health based on the influence of masculinities throughout phases of the lifecourse.

Exploring the intersections of Health, Illness, Men and Masculinities (HIMM) across the lifecourse

The HIMM Framework (developed by J. Evans, B. Frank, J. L. Oliffe, D. Gregory, D. Divine, D. LeDuc and M. Numer) points to the need for research and theory development that moves beyond a limited focus on any one individual man to consider men’s health and illness-related practices in the larger social context within which masculinities are defined and produced. Such understanding would inform health promotion, policy, education and healthcare delivery initiatives aimed specifically at men if improved health outcomes for men are to be realized. Fig. 1, the HIMM Framework, shows how masculinity and men’s health are interconnected.

Specifically, the HIMM Framework depicts masculinities as a social determinant of health that intersects other determinants such as socio-economic status, race, ethnicity, sexuality, ability, geography, community, education, and employment. Because masculinities are socially constructed within particular social, political and historical contexts, the definitions and practices of masculinity vary among societies and men. Adding to the complexity of men’s health, practices of masculinity also vary across the lifecourse of any one man’s life in response to aging, life events and history.

Boys and masculinity in youth

The health outcomes of young men in Canada offer an alarming snapshot: young men are three times more likely to die from accidental death than young women; four times more likely to die from suicide; and half as likely to seek out health care services [46]. For example, in Nova Scotia, male youth (12–24 years of age) constitute over 50% of the youth population; however, health care contacts for male youth are almost half that of female youth [47]. When boys do access health care, they are twice as likely to visit emergency rooms for injury/poisoning, and are three times more likely to die from accidental injury, including motor vehicle accidents [47].

Most boys are socialized to embody hegemonic masculinity and ‘take it like a man’ at an early age, and are discouraged from showing feelings of vulnerability or weakness [48]. The implications of this are problematic because the social expectation of toughness and independence, as suggested by Good et al. [49], lead to the suppression of emotion, social isolation, and resistance to asking for help. This complex intertwining of health and gender becomes
evident within families of origin at the level of local communities, and impacts boys at a young age.

For boys and young men, physical risk is naturalized, promoted, and celebrated [50], their bodies are agents of gendered social practice through demonstrations of aggression, strength, and risk taking [51]. In Canada, boys and men are more active in sports than girls and women, the gap being most evident during the teenage years for ages 15–18 (80% boys vs. 55% girls) [52]. Not surprisingly, sport injury reflects the gendering of sport in the form of a greater number of injuries, and more severe injuries, incurred by boys and men who dominate high risk, physical contact sports [53,54]. For example, snowmobile accidents amid an absence of legislated and enforced safety precautions (i.e., helmets, speed restrictions) render boys and youths susceptible to head injuries, multi-trauma, and disabilities. Snowmobiling all too often connects risk taking behavior, masculinity and machines. More than half of snowmobile collisions involve child drivers, and 65% of these are boys around 12 years of age [55], a majority of whom are not wearing helmets [56].

Consistent with historical trends, the reported rate for Chlamydia infection in young adults is almost double for women compared to men. With age however, this ratio changes and in the 40 and older age groups, Chlamydia infection rates are higher in men [57]. Despite health promotion efforts, rates of sexually transmitted infections (STIs) have increased across all age groups with the greatest increase of Chlamydia infection being in men aged 20–24 years. For example, in British Columbia (BC), Canada, Chlamydia rates for young men doubled between 1997 and 2006; and gonorrhoea rates amongst BC men increased by over 100% during the same time period [25]. Young men’s hyper-sexualization of the clinical exam for STIs, and the tendency for men to prefer to

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**Fig. 1** The HIMM (Health, Illness, Men and Masculinities) Framework.

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self-monitor symptoms pose barriers to help-seeking [25]. In addition to masculine identities influencing health practices in this instance, we find structural forces at play in the health system which could be modified (e.g. urine analysis for some STIs). Sexual health issues become entwined with gender constructs at multiple levels when we consider that the Canadian health care system monitors girls’ and young women’s bodies to a far greater extent than those of young men.

Men and masculinity in the middle years

Midlife men have unique considerations in both the construction of their masculinities and how their practices of masculinity intersect with other determinants of health to influence their health and health care practices. During this phase of life, men construct their masculinity in relation to the physicality of their work and/or the level of income their labor produces. Thus, for men, work defines their status in the masculine hierarchy and has significance as a site for the social production of masculinity [41]. Work that involves physical labor often calls for men to demonstrate their masculinity through stoicism and the denial of bodily pain that results from physical labor. In Canada, 90% of the victims of work-related fatalities are men. An important observation is that men, rather than women, generally perform high risk, physical labor thus increasing their risk of injury. Williams [58] suggests that masculinity itself is a contributing factor. For men in white-collar jobs, the hard-working, achievement-oriented Type A personality is associated with stress-related health conditions such as coronary artery disease. In the discourse on men’s health, the ‘repackaging’ of the white-collar businessman into a healthier model of success is evident in the concept of the ‘hardy man’—a personality style characterized by commitment rather than alienation, control rather than powerlessness, and challenge rather than threat [59]. Riska [60] argues that the notion of hardness, that is being in control and work committed, reflects the idealized or hegemonic version of masculinity. Here, the powerful, cool-headed, and successful man manages stress with masculine stoicism and strength.

As men approach mid-life many experience this time as a turning point, a time of reassessment and taking stock of their lives and achievements [61]. Lough & Sanford [62] suggest that between the ages of 35 and 50, men experience a psychological and spiritual crisis manifested by symptoms such as depression, boredom, fatigue, irritability, physical complaints and excessive drinking. Despite active disease or conditions, men may deny their symptoms as a means of maintaining allegiance to hegemonic masculinity. This is illustrated in research conducted by the Canadian Mental Health Association [63], in which men described having experienced symptoms of depression without acknowledging being depressed. It is hypothesized that the failure of men to recognize mental health issues may contribute to the higher rates of suicide among men [23]. The most significant statistic suggesting men’s vulnerability regarding mental illness is that four out of every five suicides in Canada are carried out by men [62]. Middle-aged men often suffer silently with depression, and screening tools and diagnostic criteria that are biased towards capturing traditional ‘feminine’ signs of depression, including internal self-judgment and external expression of sadness, rather than the anger, emotional numbing, substance abuse, and impoverished relationships that typically emerge in and around men’s depression, are also implicated [64].

Men and masculinity in later life

Older men also have unique considerations in both the construction of their masculinities and how practices of masculinity influence their health and illness practices. While the developmental challenge of midlife men has received significant attention in the psychology literature, the lives of older men remain mostly unexplored, ”so much so that older men have been categorized as ‘invisible men in contemporary society’ [65]”. As men age and illness becomes more frequent, the inability to sustain hegemonic masculine ideals by keeping the body muscular, strong and resilient may threaten men’s self-perceptions of their masculinity [66], and men are faced with the challenge of redefining themselves within an idealized, masculine culture [67]. As men’s bodies change with age, their location in the
gender hierarchy is altered [61]. While some men may find dignity and new opportunities in aging, Pease [61] notes that others experience a deepening sense of crisis accompanied by a growing awareness of their own mortality. Transitions from career and work life to retirement can be stressful, especially amid times of economic downturn and/or when unplanned or enforced [68,69]. In addition to unemployment [70], older men’s masculine ideals can be further eroded by diseases of older age including prostate cancer [33] and heart disease [60].

The extent to which men’s aging represents deterioration and loss versus liberation from rigid gender expectations is not known; however, the aging process and accompanying propensity to develop illness and experience reduced physical capacity in later life adds another layer of complexity to the provision of health care for older men.

Conclusions

Health behaviour within the context of gender is a powerful and influential health determinant for individuals. Given that social constructions of masculinity shape men’s perceptions of health and illness and their subsequent health care practices, hegemonic masculinity and traditional beliefs about manhood are the strongest predictors of individual risk behaviour over the lifecourse [28]. The HIMM Framework explores masculinities as a determinant of health and health disparity between men and women and among men as a diverse social group. By taking a developmental perspective of men’s health over the lifecourse, we have identified additional health disparities among men that remain largely invisible and unexplored, and shown how they intersect with health disparities based on differences such as age, employment, education, socioeconomic status, ethnicity and sexuality.

There is also a need to move from description toward interventions in ways that mobilize what we have learned about masculinities and men’s health and illness practices. Furthermore, men-centered interventions should also be targeted to specific sub-groups, while being responsive to men’s particular lifecourse health issues. Examples of this approach include the Families Controlling and Eliminating Tobacco program that developed The Right Time, The Right Reasons print-based tobacco reduction intervention for dads who smoke [71]. The content was developed from the perspectives of dads who smoke and, rather than a ‘how-to-quit’ guide, the focus is to encourage dads who smoke to contemplate tobacco reduction (the brochure is downloadable at www.facet.ubc.ca). In terms of older men’s mental health, the Australian Men’s Sheds initiative [72,73] and the UK’s men in sheds program [74] have successfully attracted men to workshop-type spaces in community settings to provide opportunities for regular hands-on activity for groups deliberately and mainly comprising men. Many of the attendees are older men facing issues associated with significant change, such as aging, retirement, isolation, unemployment, disability and separation, and they report mateship and a sense of belonging as key benefits of their participation in the positive and therapeutic informal activities of the groups [72,73]. In all of these programs, masculine ideals have informed both the design and delivery of men-centred interventions.

To date, the majority of research conducted in the area of men’s health and masculinities has taken place in the United States and Australia [1,34,66]. The HIMM theoretical framework builds on this work and adds knowledge specific to the health of Canadian men. Having said that, because masculinity is a social construct that varies within and across cultures, the HIMM Framework has utility across locales and cultures. It can, thus, advance men’s health research and related theory development, as well as provide direction for policy, education, health care delivery and health promotion initiatives aimed at men in many locales, contexts and countries.

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