

Addressing Violence as a Health Crisis with Health Methods

Statement of the “Violence as a Health Crisis Initiative”

The cycle of violence is more than headlines and homicide reports. It is much more than a police and criminal justice issue.

Violence is a health crisis (1)(2)(3).

Every day in our nation, an average of 39 people are killed (4). 117 individuals die by suicide (5). 180 more are shot and wounded (6). 27,400 individuals are hurt by a partner or significant other (7), and 8,640 children are abused or neglected at the hands of someone they trust (8).

In the United States, homicide is the third leading cause of death between ages 1 and 45 (9) – resulting in a loss of approximately half a million years of life before age 65 (10). Violence affects all of us, including some groups at even more shocking levels. For example, the homicide rate for black male youth between 10 and 25 years old is nearly 20 times higher than for white male youth (11).

Beyond direct injury, exposure to violence increases the risk of other medical illness, including asthma (12), hypertension (13), heart disease (14)(15), cancer (16), and strokes (17) (18). Violence also contributes to psychiatric illness, including depression and post-traumatic stress disorder (19). Those who are exposed to violence are more likely to sleep poorly (20), to smoke (21), and to become socially isolated (22) – all added risk factors for early death.

Like lead poisoning, violence impairs the ability of children to learn (23). Like people exposed to influenza spread influenza (24), violence causes more violence (25), expressing itself as outbreaks of retaliations and clusters of suicide. Like tobacco use, violence spreads through social networks (26), becoming increasingly acceptable and commonplace. Like the Ebola virus, violence generates fear, distrust, and panic (27)-- stigmatizing communities where clusters of cases occur and limiting opportunities for communities to come together. Doctors, nurses and other health workers try as hard as possible to save the victims of violence. We all recognize the iconic image of a team of doctors and nurses desperately trying to save a patient who has been shot. But another essential role for the health and public health sectors, and other sectors is to help people and communities be safe in the first place – to minimize the negative impacts of violence related trauma that contributes to the degradation of mental health and health overall (28).

Seeing violence as a health crisis must start with the absolute recognition that violence can and must be prevented (29).

The Movement towards Violence as a Health Issue consists of over 300 individuals representing more than 150 organizations across the country dedicated to activating the health approach to violence. The initiative, which began in July of 2015, is led by Former Surgeon General Dr. David Satcher, Former Dean of Johns Hopkins Bloomberg School of Public Health Dr. Al Sommer and CEO/Founder of Cure Violence Dr. Gary Slutkin.

Just as community campaigns in the middle of flu season encourage vaccination and hand-washing (30), public health efforts against violence counter distrust, dispel myths, and encourage dispute resolution to interrupt the cycle and transmission of violence. Just as improving the quality of water, air and sanitation stops the spread of infectious disease (31), local approaches to investing in opportunities and new norms builds trust, hope and resilience in young people and reduce risk for violence (32). Just as health departments develop and coordinate strategies to prevent infant mortality and low birthweight, they use public health strategies to prevent violence -- in fact, these public health and outreach strategies support one another (33). Health strategies also address inequities and racial biases that allow violence to continue (34). The public health approach to violence focuses on addressing the known factors that increase or decrease the likelihood of violence. Many of these factors fall into the category of the social determinants of health with the presence of violence being a social determinant itself (35). Like other health issues, there is a growing science base that informs effective action.

Within the healthcare system, every patient interaction is an opportunity to prevent violence directly and is a window on what can be done community-wide particularly with primary care visits, which tend to happen on a more frequent basis. Providers (including physicians, nurses, and community health workers) can screen patients to identify adults and children experiencing or at risk of intimate partner violence, elder abuse, or child abuse and provide them with access to resources and support (36). Clinicians can partner with local community partners to systematically address behavioral health conditions that may predispose patients to being victims of violence -- or to being perpetrators (37). Health professionals, hospitals, and other healthcare organizations can translate their experience and their data to identify the community conditions and underlying social factors and determinants that can be modified to decrease the likelihood of violence and increase that of safety (38)(39).

Health professionals often have the credibility and the empathy to help provide local leadership, partnering with and supporting existing community efforts to forge local solutions while ensuring equitable treatment of individuals and communities. Community health workers can help young people and families navigate systems, resolve differences, choose alternative paths, and can speak up for the need for more positive resources in communities (40).

The health approach complements other efforts that reduce violence. For example, responsible practices on firearms will have greater impact when paired with public health programs that encourage nonviolent resolution of disputes (41). Similarly, community based policing can be more effective when communities are already engaged in well-designed outreach and other programs that reduce violence and its causes (42).

Rigorous evaluations of health approaches to violence prevention and intervention have found reductions in injuries, shootings, and deaths – as well as new attitudes and safer norms. For example:

- A Chicago program using public health methods to interrupt violence, reduce risk and change neighborhood norms reduced homicides and shootings by up to 70% and retaliations by 100% (43). In Baltimore, one historically violent neighborhood went over 22 months without a homicide when implementing the same model (44).
 - An Oakland, California hospital-based violence intervention effort that incorporated trauma-informed care and case navigation resulted in 98% of the clients not being reinjured and 70% not being arrested (45).
 - A Richmond, California initiative based on public health analysis that provided supports including mentoring, life skills and subsidized internships to those at highest risk reduced homicides by 75% and gun assaults by 66% (46).
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- Youth exposed to an adolescent dating violence prevention intervention in North Carolina showed from 56% to 92% less dating violence victimization compared to controls with the effects sustained for four years (47).
 - A health based parenting program delivered in communities of 100,000 children under 8 years of age experienced an average of nearly 700 fewer cases of childhood maltreatment over 2 years (48).
 - A nurse-visiting program delivered to children born to high risk unmarried teens saw 80% fewer cases of child abuse and neglect in Elmira, NY and in Memphis, TN yielded 79% fewer hospital days for child injuries than in comparison groups (49).
 - Cities across the country are using the public health approach to address violence across all sectors. In Minneapolis, this comprehensive strategy was designed by city agencies, community, civic and business groups and hundreds of young people. Initial findings suggest that the adoption of the model in 20 neighborhoods with highest rates of violence correlated with a decrease of 57% in individuals under 18 (involved in the intervention) arrested or suspected in violent crimes while killings of people under 24 fell by 76% (50).

Public health can change norms, environments, and behaviors and reduce violence. And because violence costs the United States hundreds of billions of dollars each year in medical costs and lost productivity alone (51), effective approaches are especially worth the investment. The economic harm of trauma ripples through communities, undermining investment in small businesses, depressing housing values, and diverting resources that could be used for vital support to education and the quality of life (52)(53). Violence also diminishes opportunities for health within our communities. When parks aren't safe, kids can't play in them (54). When neighborhoods aren't safe, supermarkets and other businesses won't invest in them (55). The enormous human and financial costs of violence far exceeds the current or proposed federal spending on effective health approaches (56).

It is long overdue to recognize and treat violence as a health crisis and to mobilize our nation's healthcare and public health systems and methods to work with communities and other sectors to stop this epidemic.

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