***Violence and the global health, 1990-2015: The story of the failure of global efforts***

Alireza Salehi, Saman Farahangiz, Hossein Molavi Vardanjani

***Background:***

*Violence is a modern epidemic and one of the most challenging public health problems throughout the world. Despite of global efforts, burden of war and violence is still high especially in parts of the globe. In this study we analyzed the temporal trend of the burden of war and violence in the world during 1990-2015.*

***Methods****:*

*Data on disability adjusted life years(DALY) retrieved from official database on the global burden of diseases. Retrieved data were cleaned and prepared to analyses. Cleaned data were classified according to age groups and also regions by world health organization (WHO). Classified data were analyzed using segmented regression. Annual percentage change and its 95% confidence interval and also direction of the changes in disability adjusted life years were estimated divided by age groups and WHO regions. Age standardization done based on the world 2000 population.*

***Results****:*

*Overall burden of violence in the globe was estimated to be around 457.7(95% uncertainty level: 360.4- 537.4) DALYs per 100000 populations. Estimated number of DALYs attributable to the violence was 33,738,444(95% UL: 2,6562,790, 39,615,291) by 2015. It has been increased 1.3 times compared with estimates for 2010, globally. This increasing trend caused by increasing trends in the WHO Eastern Mediterranean and African Regions by 2.84 and 1.26, respectively. Trends were deceasing in the WHO Western Pacific, South-East Asia, the Americas and European regions by -0.15, -0.19, -0.10 and -0.7, respectively. The highest rates of DALYs due to interpersonal violence was estimated for the Americas region (873.3, 95% UL: 803.6- 908.4) per 100000. Its trend was decreasing by -0.12 during 1990-2015.*

***Conclusion****:*

*Burden of violence is highly increasing globally. Eastern Mediterranean and African regions are the most affected parts of the globe, suffering from collective violence and legal intervention. While, region of the Americas was the most affected by the interpersonal violence. Adoptive revisions in the current violence control and prevention programs and more effective interventions are highly emergent.*

***Key words:*** *burden of diseases, interpersonal violence, collective violence, global*