Incomplete responses

International organizations, agencies and institutions have made a strong call for early diagnosis of HIV and the prompt—or even immediate-initiation of antiretroviral treatment. It doesn’t happen the same with viral hepatitis. Hepatitis B can’t be cured yet. There is no effective treatment to clear the infection among chronic carriers. Yet, being aware of the condition of chronic carrier allows to make changes in one’s life and to prevent the dissemination of the infection.
Some of the strategies in the so called “combined prevention against HIV infection” are equally effective to halt HBV (condom use and other forms of safe sex)

Condom use and other forms of safe sex. Recently an approach based on the use of two antiretroviral drugs (emtricitabine and tenofovir disoproxil fumarate) is being used as a strategy to prevent transmission. This strategy is known as pre-exposure prophylaxis or PrEP and has proven to be highly effective (reduction of 92% in risk of transmission). Still, its efficacy is centered in preventing HIV transmission and no known effect on other STIs. However, during the conduction of the iPrEx no flares were observed among participants with chronic HBV infection.

It is very disappointing the realization that closes to zero attention is given to prevention strategies and methods against HBV in recent literature and academic meetings. In a review of the proceedings of international gathering of experts in hepatitis and other liver ailments held during 2017 most of discussions was about improvement of treatments. The few discussions about prevention gravitated around prevention of mother to child transmission. While both fields are of enormous importance they completely eclipsed the urgent need to focus prevention efforts on most impacted populations and groups, among which MSM.

It is also regrettable that some leaders in the public health effort to deal with the viral hepatitis epidemics show great disdain for actions directed to raise awareness, increase knowledge and trigger behavioral changes for reducing the risk of exposure to the causing viruses, augment health-seeking behaviors and contribute to contain the spreading of the epidemic. Unfortunately, there are still many “experts” who want to address health issues in communities only with bi-medical responses. The best avenue to address this deficiency and thus clear institutional hurdles would be to increase the knowledge of community members and expand their capacity to educate their peers about the need to exclude HBV from a healthy and pleasant sexual life and wellbeing.

Vaccination against HBV (and formulations combined to prevent HAV as well) is widely available. They are very safe, provide effective immune protection, and in the long term will contribute to eradication and even elimination of hepatitis B.

In many countries in the world, vaccination against hepatitis B is given to infants. In the region of the Americas it has been in place for at least 15years. This means that in few years there will be large cohorts of individuals who will be completely immune to transmission of HBV.

In the meanwhile, there are many individuals 20years and older who don’t have immune protection and are at risk of exposure and acquiring HBV through sexual intercourse. In a study in Amsterdam by Robin van Houdt, the median age for primary HBV infection among gay men was 31 years. This means that there is still an enormous gap between the generations being vaccinated against HBV and those getting infected.

Regional and national programs for the prevention and control of viral hepatitis make a strong case for universal vaccination of people in the so-called “key populations” (term loaned from the HIV programs that refers to segments of the population with prevalence rates of infection well above the “general population”). It is, however, very disappointing to realize that the specific actions at national and local level for expanding coverage of HBV vaccine for MSM are not in place. A common argument is that the scarce stock of vaccines is limited for the use of medical students and providers, in addition to new-borns and infants. The international health agencies could have collaborated to contour this impasse.

Conclusion

The disproportionate toll of HBV infection among MSM must be addressed urgently, lest the unwanted consequences and impact of chronic infections add to the entire heavy burden on the health and wellbeing of this population. Strong advocacy efforts should be carried out to bring attention to this health issue and awareness must be raised among the affected population. The “packages” of prevention must be offered as comprehensive approaches rather than exclusive for HIV. Educational efforts must be doubled to ensure MSM are empowered to face the challenge of viral hepatitis along with other STIs and HIV. Furthermore, prevention practices can be taught to heterosexual couples who engage in anal sex and may place the receptive partner (the woman) at increased risk for contracting HBV.

Last, but not least

Access to HBV or even better to HBV/HAV, vaccination must be ensured for the communities as part of comprehensive packages of prevention and care. This access must be effective rather than a simple recommendation on guidelines or in regional, global or national programs. For MSM who does sex work it is important to ascertain their overall health needs, including the presence of HCV infection. It has been said that “hepatitis is an invisible epidemic”. For MSM this argument is merely rhetoric, “lip service”, because they are not realizing about it and they still seem to be “invisible” to certain programs and many health care services.

Acknowledgements

None.

Conflict of interest

Author declares that there is no conflict of interest.

References

