

Increasing burden of infectious diseases among Injection Drug users (IDU) and the role of government in its prevention: A systematic review

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Abstract

Injection Drug use (IDU) are always at high risk of catching infections such as human immunodeficiency virus (HIV), hepatitis C and other blood-borne pathogenic diseases due to direct sharing of used syringes and other injectables. Global percentage of people who inject drugs (PWID) is around 13 million among which 1.7 million are infected with HIV (WHO). It is generally seen that PWID are ought to be disproportionately associated with Hepatitis C prevalence which globally is 67% among these users. Further, this situation is further worsen by a chance of co-infection of HIV-hepatitis C virus which is approximately 2.2 million co-cases which altogether results in more than half the number of cases among PWID (WHO). The prevalence of HIV infection is found to be comparatively higher in lower and middle income countries. This systematic review summarizes important components of various comprehensive programs meant for prevention of highly communicable infectious diseases which are launched by government such as legal distribution of sterile syringes under various programs and enhanced pharmacy services. Government sponsored opium substitution treatment programs and various behavioural interventions workshops add more meaning to them.



Biography:

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Speaker Publications:

1. “Diagnostic efficiency of diabetes in pregnancy study group of India versus World Health Organization 2013 criteria”; Springer/ International Journal of Diabetes in Developing Countries /Published: 28 February 2020
2. “Iodine nutrition status in schoolchildren of Dhaka city in Bangladesh”; Springer/ Year : 2019 | Volume : 16 | Issue : 2 | Page : 71-75
3. “Genome-wide identification, characterization and expression profiling of gibberellin metabolism genes in jute”; BMC Plant Biology volume 20, Article number: 306 (2020)
4. Antidiarrheal and Antimotility Activities of Stem Bark Extracts of *Annona reticulata* Linn. in Mice Model Journal of Applied Life Sciences International/ 2019 - Volume 20 [Issue 3]
5. Depression and suicidal behaviors among Bangladeshi mothers of children with Autism Spectrum Disorder: A comparative study ;Asian J Psychiatr . 2020 Jun;51:101994. doi: 10.1016/j.ajp.2020.101994. Epub 2020 Feb 27.

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