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Does exposure to services have impact on safe sexual behavior? An analysis of baseline survey data among currently married women in two districts of India

Sukhvinder Kaur

Public Health Foundation of India, India

Introduction: Migrants are at risk of HIV-infection and transmission to their spouses. Therefore, migrant interventions should also address spouses of migrants in the place of origin. USAID PHFI-PIPPSE project is supporting National AIDS Control Organization in developing a comprehensive strategy for migrants at source and destination states.

Methodology & Theoretical Orientation: A cross-sectional survey was conducted in 2014 among 880 Currently Married Women (CMW) aged 15-49 years from high out migrant districts, i.e., Gorakhpur in Uttar Pradesh (State) and Cuttack in Odisha (State). In this paper, bi-variate and multivariate logistic regression methods have been used to investigate the association between exposure to intervention services and the safe sexual behaviour among CMW at source states.

Findings: In bivariate analysis, there is statistically significant and positive association between exposure to interventions and safe sex measures-HIV/AIDS testing and condom use. However after controlling the socio-economic and demographic variables, we found that majority of the intervention variables are not significantly associated with condom use and with HIV/AIDS testing. But, "attending the health and nutrition day meeting" [OR=1.036, p<0.05, CI (1.005-1.067)] is positively associated with HIV/AIDS testing among women and there is negative significant association between receiving HIV counselling service [OR=0.969, p<0.05, CI (0.938-1.001)] and condom use.

Conclusion: The results corroborate that exposure to intervention not always leads to the safe sexual behaviour among CMW. The findings raise question on quality of exposure that women received on HIV/AIDS prevention at source states. An urgent intervention with ensured quality services is needed to promote safe sexual behaviour among CMW having migrant or returned migrant husbands at source states.

Biography

Sukhvinder Kaur had her professional education and training in the area of Statistics, Monitoring and Evaluation, Management Information System and Research and has rich and diverse experience of 12 years of working with larger developmental causes like Reproductive and Child Health Care, HIV/AIDS and Tobacco with Ministry of Health and Family Welfare, India. She has also worked closely with stakeholders across varying levels, like government departments, development partners (CDC Atlanta, USAID, UNICEF, UN etc.) academia and research organizations in the area of Health interventions.

sukhhvinder@gmail.com

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