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Knowledge of and Attitude Towards HIV/AIDS and Condom Use among Construction Workers in the Kathmandu Valley, Nepal

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Abstract

Background: Nepal is seeing a surge in physical infrastructure in the past few years. Numerous workers enter the Kathmandu Valley to join the construction sector.

Objective: This was a descriptive survey that set out to understand the knowledge of and attitudes towards HIV/AIDS along with the use of condoms among construction workers in the Kathmandu Valley.

Material and Method: The study was conducted in 8 different construction sites in the Kathmandu Valley. Systematic sampling was done to select a total of 317 samples that were either interviewed or handed the questionnaire for self-administration.

Results: 84.6% of the construction workers had sufficient knowledge regarding HIV/AIDS and 61.8% had positive attitude towards HIV/AIDS. 50.5% of those who had sex in the past 1 year had used a condom the last time they had sex. Those with insufficient knowledge were found to have negative attitude ($p < 0.05$) and were more likely to have not used a condom the last time ($p < 0.05$). Multiple logistic regression analysis showed that use of condom the last time was most affected by gender and level of knowledge.

Conclusion: Despite adequate knowledge, attitude and use of condom was found to be unsatisfactory. There is an urgent need to resolve this gap.

Keywords: HIV/AIDS, Construction workers, Knowledge, Attitude, Use of condom

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