

HIV/AIDS Knowledge, Attitudes, and Behaviors of Construction Workers in China

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The objective of the study was to describe HIV/AIDS knowledge, attitudes, risk behaviors, and sources of information among construction workers in China. A cross-sectional survey of 458 construction workers was conducted among 4 construction sites in Shenyang city in 2006. All 458 participants were individually interviewed in a private setting by a trained team of medical researchers using a structured questionnaire, which included questions on general personal information and the knowledge, attitudes, practice questions and the favorable mode of health education. A total of 428 valid questionnaires were collected. Data entry and statistical analyses were performed using the SPSS 13.0. Our results indicated that the majority of construction workers in China are sexually active youths and adults with limited education and poor knowledge of HIV/AIDS. The proportions of correct answers to questions about HIV/AIDS ranged from 4.9% to 70.7%. The score was significantly different by education level ($\chi^2=47.51, p<0.01$), and marital status ($\chi^2=16.48, p<0.01$). More than 60% of the construction workers had a negative attitude toward HIV/AIDS-infected individuals. The source of workers' knowledge toward HIV/AIDS mainly came from TV (35.8%), newspaper (14.3%), family and friend (13.1%) and others (28.2%). Chinese migrant workers in general lack knowledge about HIV/AIDS. Our study suggests prevention programs should be encouraged and these may have the potential role to limit the emergence of China's HIV/AIDS epidemic.

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