

## Abstract

*Background:* The present study aimed at understanding Hong Kong young female sex workers' condom use and sexual health behaviors, mental health profile as well as associated risk and protective factors within themselves, their social relations, and wider environmental context. To examine correlates related to their mental health, the effects of childhood traumatic experience, threats to their life, humanity, finance, future, sense of hope, self-efficacy, and social support were examined in the present study. *Material and Methods:* 87 female sex workers working in night club and/or compensated dating completed self-reported questionnaires. The questionnaire assessed their cross-sectional condom use behaviors and psychological attributes. *Results:* Consistent condom use is correlated with efficacy in choosing client. Childhood trauma, threats to future, hope, and efficacy in choosing client were found to be significantly related to their mental health. Threats to life, humanity, finance and social support were not significantly related to mental health. *Conclusions:* Future psychological services for female sex workers could focus on resolving the negative impact of their childhood traumatic experiences, hope instillation, and targeting their threats to future. Although condom use behaviors were not found to be significantly correlated with their mental health, consistent condom use is correlated with self-efficacy, which might indirectly influence their mental health.