



Prevalence and Treatment Outcomes of Skin Diseases Among Commercial Sex Workers in Addis Ababa, Ethiopia

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Abstract

Commercial sex workers (CSWs) in Addis Ababa are at increased risk of developing skin diseases due to their occupational exposure and socio-economic vulnerabilities. A cross-sectional study design was employed using a structured questionnaire for data collection. Data were analysed using descriptive statistics to assess disease prevalence and inferential statistics for treatment outcome analysis. Among 300 CSWs surveyed, the prevalence of skin diseases such as dermatitis and scabies was found to be higher than in the general population ($p < 0.05$). The study highlights the significant burden of skin diseases on CSWs' health and well-being. Healthcare facilities should provide targeted interventions for skin disease prevention and management among this vulnerable group. Treatment effect was estimated with $\text{text}\{\text{logit}\}(\pi) = \beta_0 + \beta^T X_i$, and uncertainty reported using confidence-interval based inference.

Keywords: African, Epidemiology, Longitudinal, Skin Disorders, Public Health, Surveillance, Treatment Efficacy

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