

Introduction: The Dental Health care Professionals and their patients are at risk of acquiring HIV/AIDS and HBV since they are in, direct contact with mucous membrane fluids, blood splatter, aerosols, and other body fluids which are potential transmitters of these diseases.

Objective: To investigate the determinants of adherence to infection Control standards by private dental health care personnel in Kampala Capital City Authority.

Methodology: A cross-sectional study from 50 dental units and 65 DHCP was conducted in the five divisions of KCCA using a self-administered questionnaire. A purposive non-random convenient sampling method was employed in selecting the 50 dental units while a census method was used in selecting the respondents. (SPSS) version 16.0 software was used for data management and analysis of quantitative data.

Results: Out of the 50 dental units visited 65 subjects responded (94.8%) and of the 65 questionnaires distributed, 46.2% were male while 53.8% were female. The mean age of the respondents was 30.57 ± 7.7 years. Failure to comply with immunization protocol against HBV is more likely to influence adherence to infection control standards.(OR= 15.676, 95% CI 2.494- 98.55) than ignoring delegation (OR = 13.373, 95% CI 1.72 – 103.82) among private dental health care professionals in KCCA.