

Knowledge, Attitude and Practice of Standard Precautions of Infection Control in Tertiary Hospitals in Abia State, Nigeria

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Abstract

Study on Knowledge, Attitude and Practice of Standard Precautions (SP) of Infection Control in Tertiary Hospitals in Abia State Nigeria. Descriptive survey research design was adopted. The entire target population (552) was used, instrument was researcher-constructed questionnaire. Validities of instrument were done, $r = 0.81$ using test-retest method. Data were analysed descriptively using frequencies, percentages, means and standard deviations. Inferential statistics was used to test the relationship between demographic characteristics and practice of SP, $\alpha = 0.05$. Findings revealed: Good level of knowledge (83.3%), a positive attitude ($M = 3.28$, $SD \pm 0.912$) and median level ($M = 2.3$, $SD \pm 1.01$) of practice among the respondents revealing inverse proportion between practice of SP and years of experience $r = -0.043$, $p = 0.384$ (>0.05) with direct proportion of knowledge and practice $r = 0.202$, $p = 0.001$ (<0.05); no significant institutional difference in knowledge (p -value for Fisher's test = 0.441) and non in practice (p -value for Fisher's test = 0.474) resulting in medium practice level of SP despite good knowledge and positive attitude of Nurses. It was recommended that all Nurses irrespective of their years of experience should be motivated to practise SP while every institution has an infection control team to monitor and enforce compliance.

Keywords: Knowledge, Attitude, Practice, Infection control.