

A Descriptive Cross-Sectional Study On Knowledge, Attitude and Practices Regarding Needle Stick Injuries Among Staff Nurses of Kles

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Abstract

Background: Needle stick injuries (NSIs) is a global issue. Each day thousand of health workers around the world, suffer from accidental occupational exposures during the course of their role for caring of patients.

Objectives: To assess the Knowledge, Attitude and Practices among staff nurses on needle stick injuries.

Material and Methods: A total of one hundred and fifty (150) nurses were included in the study. A descriptive cross sectional approach was adopted, a pretested structured questionnaire was used. Based on the objectives and the hypothesis the data was analyzed by using inferential statistics.

Results: The mean knowledge score of nurses regarding needle-stick injuries was 24.21(80.70%) with a range of 14-30 and the standard deviation was 3.97. Out of 150 nurses 15(10%) subjects had poor knowledge, 124(82.67%) subjects had average knowledge and 11(7.33%) subjects had good knowledge. The mean attitude score of nurses regarding infection control measures was 21.35(71.17%) with a range of 12-28 and the standard deviation was 3.71. Out of 150 nurses 18(12%) subjects had poor attitude, 109(72.67%) subjects had average attitude and 23(15.33%) subjects had good attitude. The mean practice score of nurses regarding needle-stick injuries was 23.36(71.73%) with a range of 10-30 and the standard deviation was 4.58. Out of 150 nurses 15 (10%) subjects had unfavorable practice, 103 (68.67%) subjects had neutral level of practice, and 32(21.33%) had favorable level of practice. Finding of the study revealed that Staff nurses overall knowledge and attitude regarding needle-stick injuries was average with neutral level of practice but there was positive correlation between them.

Conclusion: The training of nursing staff, continuous nursing education (CNE) and standard operating procedure regarding needle stick injuries is needed to improve knowledge, attitude and practice of nursing health care professionals regarding needle-stick injuries.

