



ORIGINAL RESEARCH PAPER

Medical Science

ASSESS THE KNOWLEDGE, ATTITUDE AND PRACTICES OF FIVE MOMENTS OF HAND HYGIENE AMONG STAFF NURSES IN BOMBAY HOSPITAL, INDORE. (M.P)

KEY WORDS: Hand Hygiene, Knowledge, Attitude, Practice, Staff nurse

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ABSTRACT

A Study to Assess the Knowledge, Attitude and Practices of Five Moments of Hand Hygiene among Staff Nurses in Bombay Hospital, Indore. (M.P). the aim and objective are To assess the knowledge, attitude, and practice of five moments of hand hygiene among staff Nurses at Bombay hospital with their selected socio-demographic variables. A cross-sectional study was conducted among 60 staff nurses in Bombay Hospital Indore. Convenient sampling technique was used to enlist the subjects. Knowledge was assessed by using WHO hand hygiene questionnaire. Attitude and practices were evaluated by using another self-structured questionnaire. The results were calculated by using descriptive and inferential statistics. Descriptive statistics was used to calculate percentages for each of the responses given. The knowledge of staff nurses regarding hand hygiene was good (45 out of 60, 75%) and positive attitudes (70%) towards hand hygiene, but practice of hand hygiene are different in various moments.

BACKGROUND OF THE STUDY

Hand hygiene practices of health workers has been shown to be an effective measure in preventing hospital acquired infections. The five moments that call for the use of hand hygiene include the moment before touching a patient, before performing aseptic and clean procedures, after being at risk of exposure to body fluids, after touching a patient, and after touching patient surroundings. This conception has been aptly used to improve understanding, training, monitoring, and reporting hand hygiene among healthcare workers.

PROBLEM STATEMENT

A Study to Assess the Knowledge, Attitude and Practices of Five Moments of Hand Hygiene among Staff Nurses in Bombay Hospital, Indore. (M.P)

OBJECTIVES OF THE STUDY

To assess the knowledge, attitude, and practice of five moments of hand hygiene among staff Nurses at Bombay hospital.

METHODOLOGY

A cross-sectional study was conducted among 60 staff nurses in Bombay Hospital Indore. Convenient sampling technique was used to recruit the subjects. Knowledge was assessed by using WHO hand hygiene questionnaire. Attitude and practices were evaluated by using another self-structured questionnaire. The results were computed by using descriptive and inferential statistics. Descriptive statistics was used to calculate percentages for each of the responses given.

MAJOR FINDINGS OF THE STUDY

Knowledge of Hand Hygiene among Staff Nurses

The knowledge of staff nurses regarding hand hygiene was good (45 out of 60, 75%) among the total study population.

Attitudes to five moments of Hand Hygiene

The majority of staff nurses had positive attitudes (70%) towards hand hygiene.

Practices of five moments of hand hygiene among staff nurses

Only some of the staff nurses were practicing first moment of hand hygiene that is 42%, whereas 83 % of staff nurses were practicing second moment of hand hygiene. Majority of staff nurses were practicing third moment of hand hygiene, 96%. While 75% of staff nurses was practicing fourth moments of Hand Hygiene. But only half of staff nurses were practicing fifth moment of hand hygiene that is 50%.

CONCLUSION

In this study shows the urgent need for introducing measures

in order to increase the knowledge, attitudes, practices among Health Care Workers to minimize the cross infections. The study highlights the need for improving the existing hand hygiene training programs to address the gaps in knowledge, attitude and practices. I strongly recommend, monitoring and periodic surveillance of hand hygiene practices under strict supervision so that necessary corrective measures can be taken promptly to fulfill the deficits.

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