Assessment of Hand Hygiene by Nursing Students in Apprenticeship

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ABSTRACT

Introduction: Care-taking infections are the challenges of health centers. To reduce the incidence of these infections, the most effective, simple and cost-effective way is to recognize the hygiene of the hand by the care provider personnel. Performing different student nursing procedures for patients increases the incidence of infection, and hence the importance of hygiene in preventing hospital infection in sections is important. Objectives: The purpose of this study was to evaluate the level of hand hygiene by nursing students in teaching hospitals affiliated to Kermanshah University of Medical Sciences.

Materials and Methods: The study was performed on 100 nursing students who were trained in educational hospitals of Kermanshah University of Medical Sciences. To collect the data, a checklist including 10 items related to all aspects of hygiene compliance was set up. Each of the subjects of the study population was 6 times and 600 times in total.

Results: The average score of hand hygiene (48.5%) and the total score in the majority of research units (57.7%) were weak. The least amount of handwashed articles was handwashed, hand washing with soap and water (6.3%) and later (10.8%) were followed by hand washing and hand washing after leaving the hand gloves (6/15%); in addition, the majority (42.3%) wear gloves while taking care of the patient.

Conclusion: In this study, the degree of hygiene of the majority of students was weak, as well as the students had defects in hand washing with soap and water before and after care and use of gloves for patient care. Also, in view of the importance of comprehensive health care, it is necessary to take measures to fully comply with this important action and to remove the barriers to its implementation.