Clinical audit of hand washing in the first six months of 1396 at Taleghani Tabriz Educational Center

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ABSTRACT

Introduction: Health care-associated infection causes a great burden on the patient. Hand hygiene is the most important way to save others. Clinical Audit, as a method of improving the quality of services, can have a potential impact in this regard.

Materials and Methods: In this descriptive cross-sectional study, hand hygienic compliance was assessed using a five-point checklist of the World Health Organization during the four-week period in March 1395 and the amount of hand disinfectant (alcohol-based) solution used in the measurement section then compares the amount of solvent consumption with its standard according to the WHO formula. Due to the need to upgrade the present situation, after the results were presented at the hospital infectious disease control committee, there was a need for promotion and necessary measures. The re-evaluation was carried out in September 1396 and the upgrade was estimated.

Results: The findings showed that the level of hand hygiene before the promotion was 34% and after it, 49.48% and out of 1033 cases in the first six months of 1396, 507 cases (49%) performed hand hygiene and 526 (51%) did not. Of the 1854 cases observed in the second six months of 1395, 616 cases (33%) performed hand sanitization and 1238 (67%) did not.

Conclusion: The present study showed that the use of clinical audit as one of the methods for improving the quality of hand hygiene can be effective in improving the process of hand hygiene, which leads to increased safety of patients.