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Urinary catheterization procedure-an observational study

Fatjona Kamberi

University of Vlore "Ismail Qemali", Albania

Urinary tract infections are the most common hospital infection, accounting for up to 40% of infections reported by health care institutions. The objective was the evaluation of the implementation of basic rules on the technique of insertion of urinary catheter by nurses during the performance of this nursing procedure. The study included 32 nurses and 32 patients randomly selected, who were catheterized during the study period, in May 2017, at the Vlore Regional Hospital, Albania. For the assessment was used a checklist form, where all steps of the correct procedure of urinary catheterization were presented. 87.50% of nurses were women. Mean age of nurses 35.875 years, age range [29-55] years. Bachelor level education was prevalent with 50%. In catheterized patient's female gender dominated with 68.75%, age interval [37-88] years. The results for the implementation of the steps in the procedure of urinary catheter insertion revealed that some of the most important steps of this procedure were not implemented by any nurse or implemented by some of them. The perineal hygiene was not applied by any nurse. Hand hygiene was applied only by 43.75% of nurses and 56.25% of nurses did not wear sterile gloves during the procedure. Proper application of all urinary catheterization procedure steps are very important for the prevention of urinary tract infections associated with catheterization. Continuing education and increasing the professional awareness of clinical practice nurses related to this nursing procedure are essential for the quality and safety of care provided to the patient.

Biography

Fatjona Kamberi has completed her PhD in Nursing Science at the University of Medicine in Tirana, Albania in 2016. She is currently a Lecturer and the Vice Dean for Scientific Research in the Faculty of Public Health at University of Vlore "Ismail Qemali". She has published many articles in internationally-indexed scientific journals and has presented a series of papers on scientific activities both within the country and abroad. She is an Editorial Board Member in many journals and international committee conferences. Her primary research interests include nursing research and evidence based practice, nursing education, health education and promotion, women's health and nutrition.

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