

THE KNOWLEDGE ON TRACHEOSTOMY CARE AND INFLUENCING FACTORS ON IT AMONG FINAL YEAR COLLEGE OF NURSING STUDENTS IN NORTHERN PROVINCE, SRI LANKA

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Maintaining the airway considered as the first step of treatment in all patients who is in a critical condition incompatible with life and have suffered from difficulty in breathing. Airway assessment and management are the primary responsibilities of the nurses in a patient with a tracheostomy. Therefore, enhanced knowledge level of the students regarding tracheostomy care is very important to minimize the future complications and mortality. Thus this study aims to assess the knowledge on tracheostomy care and influence of educational, personal and hospital related factors on it among final year college of nursing students in Northern Province. It is an institutional based descriptive cross sectional study which was carried out among all the final year nursing students studying at College of Nursing, Jaffna and Vavuniya. The data was collected by using self-administered questionnaire. Data were processed in SPSS version 23. 137 participants were participated in this study. This study results revealed that 19% of students had good knowledge, 73.7% of students had adequate knowledge and 7.3% had poor knowledge. Mean knowledge level was 61.05. The results of the present study show that, majority of the students (73.3%) had satisfactory knowledge level on tracheostomy care. Present study shows that, there is no any association between educational factors and the knowledge of the students regarding tracheostomy care. However when considering the personal and hospital related factors respectively, students wish on learning tracheostomy care (P value = 0.042) and staff support (P value = 0.01) have statistically significant association on the knowledge of the students.

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