Effectiveness of Self-Instructional Module (SIM) on knowledge regarding care of patients with endotracheal intubation among staff nurses

Preethi Chintada, Padmavathi S, Niranjan Lazarus, Sunitha Solomon-Calvin*

Email: sunitha123_baby@yahoo.co.in

Abstract

Introduction: Endotracheal intubation is a life-saving procedure. It is the most common procedure performed during life-threatening emergency conditions, most commonly in ICU patients. Nurses are the ones who handle these patients and also assist during this life-saving procedure. The researcher thus found it relevant to evaluate the efficiency of Self-Instructional Module on nurses regarding the care of patients with endotracheal intubation. Objectives: To evaluate the effectiveness of Self-Instructional Module on knowledge of nurses regarding the care of patients with endotracheal intubation by comparing mean pre-test and mean post-test knowledge scores; to determine the association between the level of pre-test knowledge scores of nurses with their selected socio-demographic variables. Materials and methods: A quantitative, pre-experimental one group pre-test post-test design was conducted among 60 nurses using a non-probability purposive sampling technique. A structured knowledge questionnaire was used to collect data from the participants. Conclusion: In the pre-test, 55% nurses had moderately adequate knowledge whereas in the post test 83.3% had adequate knowledge. The obtained ‘t’ value was 28.86. Thus, this study concludes that the Self-Instructional Module was effective in enhancing the knowledge of staff nurses regarding care of patients with endotracheal intubation.

Key words: Endotracheal Intubation, Care, Self-Instructional Module, Knowledge, Nurses, pre-test-post-test design.

Preethi Chintada¹, Padmavathi S², Niranjan Lazarus³, Sunitha Solomon-Calvin⁴
1. M Sc Nursing Student
2. Professor & HOD, Medical Surgical Nursing Department
3. Assoc. Professor, Medical Surgical Nursing Department
4. Professor & HOD, Child Health Nursing Department and Research Coordinator

1,2,3,4 Adventist College of Nursing, Lowry Memorial Group of Institutions, Doorvaninagar, Bangalore, Karnataka, India.

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*Corresponding Author

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