

THE DEVELOPMENT OF CLINICAL NURSING PRACTICE GUIDELINE TO FACILITATE COMMUNICATION IN PATIENTS WITH TRACHEAL INTUBATION IN INTENSIVE CARE UNIT

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ABSTRACT

The objective of this study is to establish and evaluate the Clinical Nursing Practice Guideline (CNPG) for facilitating communication in patients with tracheal intubation in intensive care unit using research utilization process. The CNPG was developed by synthesizing of 20 relevant research studies. The studies were clustered into 3 categories; a) the communication methods and nurses' techniques of communication, b) the need to communication information of patients, and c) the indicators for evaluating a successful communication. Furthermore, the CNPG was validated by five experts and public hearing by ten nurses. The pilot study was conducted in patients with tracheal intubation in surgical intensive care unit at Chiangrai Prachanukroh Hospital. Duration of data collection was from January to May 2014. The total number of patients were 20 samples (10 control group and 10 intervention group). Then CNPG was tested by registered nurses. The collected data were represented as frequency, percentage and means. Consequently, independence T-test were applied.

The results of study were divided into 2 parts as 1) Patients: The satisfaction of communication scores of intervention group were significantly higher than control group ($p < 0.05$). Furthermore, the difficult of communication of intervention group were significantly lower than control group ($p < 0.05$) and 2) Nurses: The most register nurses completely agreed that CNPG can be applied to their routine care. The problems and barriers for CNPG's applying were a suitable environmental for communicate cannot be provided in the existing situation and high level of patient's pain were sometime cause of inefficiency communicate.

It is recommended that the CNPG should be improved and integrated into routine care in intubated patients. The CNPG can be applied to patients with tracheal intubation in the other unit.

Keywords: Clinical practice guideline / Communication / Endotracheal tube /

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