

Independent Study Title Development of Clinical Practice Guideline for Endotracheal
Tube Suctioning Among Intubated Patients in Lampang
Hospital

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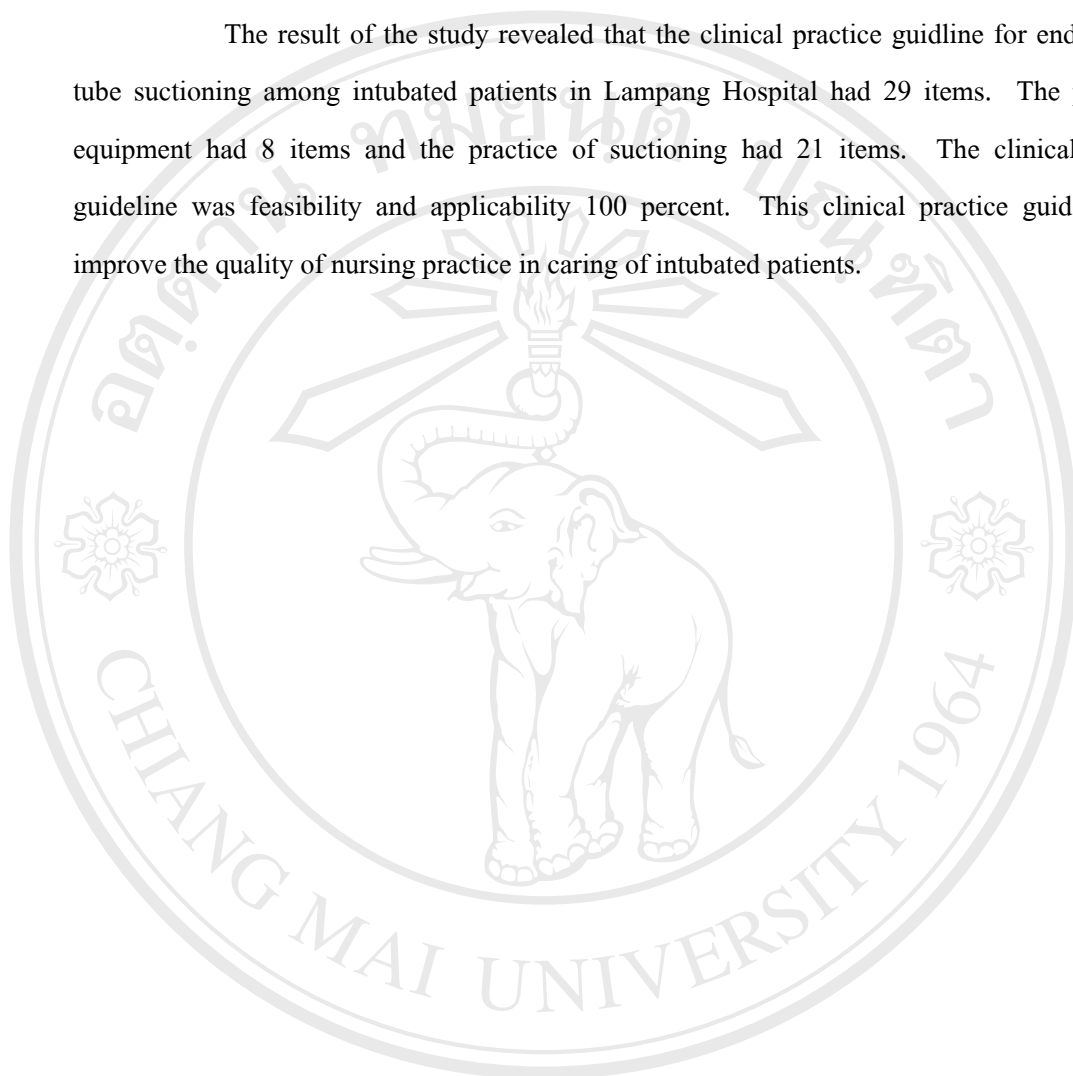
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ABSTRACT

Endotracheal suctioning is used to clear the airway of secretion among intubated patients who had decreased effective cough to remove secretion. This developmental reseach was aimed to develop clinical practice guideline for endotracheal tube suctioning among intubated patients in Lampang Hospital. The sample consisted of two groups by purposive sampling. The first group included panel of experts from doctors and nurses. The second group included health care workers from the traumatic ward in Lampang Hospital between February – October 2004. The study consisted of 4 stages. The first stage surveyed 22 nurses who had problem with endotracheal tube suctioning among intubated patients. In the second stage, the clinical practice guideline for endotracheal tube suctioning among intubated patients was developed. The Clinical Practice Guideline was developed and applied, based on the framework of the National Health and Medical Research Council, Australia. The clinical practice guideline was assessed for content validity by 5 experts. Reliability was tested using Kuder-Richardson 21 (KR- 21) with a coefficiency of 0.77. In the third stage, the clinical practice guideline was tested for feasibility

and applicability among 17 health care workers. In the fourth stage, the clinical practice guideline was refined during a forum. Data was analyzed by using percentage and categorization.

The result of the study revealed that the clinical practice guideline for endotracheal tube suctioning among intubated patients in Lampang Hospital had 29 items. The preparing equipment had 8 items and the practice of suctioning had 21 items. The clinical practice guideline was feasibility and applicability 100 percent. This clinical practice guideline can improve the quality of nursing practice in caring of intubated patients.



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