A158 - Introduction new practice of endotracheal tube holder to intubated patient to improve oral care in intensive care unit

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Introduction:
Oral endotracheal intubation is common to critically ill patients in intensive care unit. Oral care for an intubated patient is important to maintain the moisture of oral mucosa. Also, the securement method of oral endotracheal tube developed from cloth tape to commercial tube holder.

Methods:
Training PowerPoint and video for microteaching was prepared to train up 30 ICU nurses to perform the new practice. Demonstration and re-demonstration was arranged to assess skills of every nurse. Afterwards, each nurse answered a quiz to evaluate the understanding of OETTH and its special techniques in application. Questionnaire was designed to collect the feedback from all nurses too.

Results:
The result showed there was 21 nurses (72%) out of 30 nurses achieved full marks in the post-quiz which demonstrated their full understanding of the use of oral ETT holder and its nursing care. About the feedback from nurse, 72% of nurses claimed that they were confident in using the new OETTH in clinical setting after training. 96% of nurses agreed in time-saving of nursing care routine with the use of an OETTH. However, only 56% of nurses agreed that the OETTH is effective in prevention of oral mucosa injuries and another 24% of nursing staff disagreed on its function in improving the patient’s oral care.

Conclusion:
In conclusion, some of the nurses did not agree the prevention of oral mucosa injuries by the new securement method with OETTH while some nurses welcomed the new OETTH as more easy and effective in oral care to intubated patients.