PERCEPTION ON SUCTIONING TECHNIQUES TOWARDS ENDOTRACHEAL TUBE AMONG NURSES IN ICU AT HOSPITAL UNIVERSITI SAINS MALAYSIA (HOSPITAL USM)

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2013

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CERTIFICATE

This is to certify that the dissertation entitled 'Perception On Suctioning Techniques Towards Endotracheal Tube Among Nurses in ICU at Hospital Universiti Sains Malaysia (Hospital USM)' is the bonafide record of research work done by Miss Nor Syuhada Farhanis Binti Hashim, 105135 under my supervision. This dissertation submitted in partial fulfillment for the degree of Bachelor of Health Science (Nursing). Research work and collect of data belong to Universiti Sains Malaysia.

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Date: 3/7/2013

ACKNOWLEDGEMENT

In The Name of Allah the most Gracious and Merciful

I would like the express my gratitude to Allah for giving me strength and guidance for me in completing the research and dissertation successfully.

A special thank you to my supervisor, Mrs. Rosmawati Mohamed for her full support and supervision decides sharing the knowledge given throughout the research. I am also very thankful to all the lectures for giving me inspiration and motivation in completing the research. I am also thanks to all the contributors including seniors, statisticians and all people who gave their time to review my research study and not to forget, Dr Dariah Yusof for their guidance, advices and suggestion in completing this study.

I would like show my deepest appreciation to all my family members especially my parents for all the endless moral support and patience given from the very beginning of the study until the end. Last but not least, to all my colleagues who gave full cooperation and sharing knowledge during writing of this research. Thank You.

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LIST OF ABBREVIATION

ETT	Endotracheal Tube
Hospital USM	Hospital Universiti Sains Malaysia
ICU	Intensive Care Unit
STAMP	Suctioning Techniques and Airway Management Practices Survey
VAP	Ventilator Associated Pneumonia
CSS	Close Suctioning System
OSS	Open Suctioning System

PERCEPTION ON SUCTIONING TECHNIQUES TOWARDS ENDOTRACHEAL TUBE (ETT) AMONG NURSES IN ICU AT HOSPITAL UNIVERSITI SAINS MALAYSIA (Hospital USM)

ABSTRACT

A cross-sectional study was conducted to determine the score of perception on suctioning techniques towards endotracheal tube among nurses in ICU of Hospital USM. Samples was taken by randomly sampling among nurses, being critical nurses in intensive care unit (ICU) in Hospital USM (n=40). A constructed questionnaire was used to collect data. Data were analyzed using Statistical for Social Science (SPSS) 20.0 with alpha level of 0.05. Cronbach's alpha for the questionnaire was 0.701. The participants comprised of 90% diploma in educational level and the rest is 10% degree in educational level among nurses in critical care setting. The finding showed that the score of perception on suctioning technique was very high perception score (47.5%). There were fair correlation (r = 0.428) between the score of perception and nurses' age. Besides, there were no significant relationship between the score of perception and suctioning technique. In conclusion, nurses' perception on suctioning technique plays an important role in performing the procedures of ETT suction. Therefore, nurses should also focus on the positive perception as to ensure nurses have positive perception on suctioning technique and the suctioning technique.

PERSEPSI TEKNIK SEDUTAN TUBE ENDOTRAKEAL DALAM KALANGAN JURURAWAT DI ICU, HOSPITAL UNIVERSITI SAINS MALAYSIA (HOSPITAL USM)

ABSTRAK

Satu kajian keratan rentas telah dijalankan untuk menentukan skor persepsi teknik sedutan tiub endotrakeal (ETT) dalam kalangan jururawat di ICU Hospital USM. Sampel telah diambil secara rawak antara jururawat iaitu jururawat yang bekerja di unit rawatan rapi (ICU) di Hospital USM (n = 40). Soal selidik yang telah dibina digunakan untuk mengumpul data. Data dianalisis dengan menggunakan statistik untuk Sains Sosial (SPSS) 20.0 dengan tahap alpha 0.05. Cronbach Alpha bagi soal selidik ialah 0.701. Para peserta terdiri daripada 90% diploma dan selebihnya adalah 10% daripada peringkat ijazah. Keputusan menunjukkan bahawa skor persepsi teknik penyedutan adalah pada skor persepsi yang tinggi (47.5%) dan skor persepsi yang sangat tinggi (47.5%). Terdapat korelasi yang adil (r = 0.428) antara skor persepsi dan umur jururawat. Selain itu, tidak berlaku hubungan yang signifikan antara skor persepsi dan teknik penyedutan. Kesimpulannya, persepsi jururawat pada teknik penyedutan memainkan peranan yang penting dalam melaksanakan prosedur sedutan ETT. Oleh itu, jururawat juga perlu memberi fokus kepada persepsi yang positif untuk memastikan jururawat mempunyai persepsi yang positif kepada teknik penyedutan.