Promoting the Effectiveness of Tracheostomy Nursing Instruction in the Intensive Care Unit

Hui-Kuan Hsu¹, Chia-Jung Chen²

¹RN, Department of Nursing, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University
²Head Nurse, Department of Nursing, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University

Background

There are common diagnoses of stroke, myasthenia gravis, acute or chronic demyelinating inflammatory neuritis in the neurological intensive care unit.

These diseases may affect conscious and breathing pattern of patient. Then the patients can't be quickly weaning the ventilator and remove endotracheal tube. Therefore, the tracheostomy improves patient to comfort and successfully weaning ventilator, but in Taiwan’s traditional culture almost people trend refuses tracheostomy and to provide effective nursing instruction about tracheostomy is very important.

Objective

This study explored the effectiveness of two nursing instruction to improving satisfaction among the clinical nurse.

- Creative design the actual sample with hand puppet
- Traditional paper alone

Methods

Twenty-five nurses participate in the questionnaire survey at a medical center of south Taiwan.

To compare creative design the actual sample with hand puppet and traditional paper that their experience of nursing instruction.

Results

About 60% use the traditional paper to nursing instruction of tracheostomy and their good satisfaction was 20% and they think the patient or family’s cognitive of tracheostomy only 40%.

Otherwise, About 40% use the creative design the actual sample with hand puppet to nursing instruction of tracheostomy and their good satisfaction was 90% and they think the patient or family cognitive of tracheostomy enhanced to over 90%.

All nurse consent the creative design the actual sample with hand puppet can help family or patient to understood the tracheostomy and very convenient to use for clinical nurses to nursing instruction.

Conclusion

The current study demonstrated that creative design the actual sample with hand puppet can provide nurses easy to nursing instruction and enhanced family or patient knowledge and agree to accept tracheostomy.

Early tracheostomy not only improves quality of life but also reduction of length of hospital stay.

The author recommends development of more creative design teaching tools to promote the quality of nursing care.