



Service Priorities and Programmes
Electronic Presentations

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Enhancement Program provided by respiratory ward for nursing staff of Medical & Geriatric Department in caring patient with Home Non-Invasive Ventilator (HNIV)

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Introduction

HNIV is the assisted ventilation used in a home setting in which compressor push air into the lung through a mask instead of an invasive artificial airway. Those patients can improve quality of life with the help of HNIV domestically. It was estimated that 94.8% of the population using mechanical ventilation in Hong Kong were treated by HNIV (Chu et al., 2004). The trend is increasing over the last decade since a domiciliary NIV program was established in United Christian Hospital (UCH) since 2005.

Objectives

There is an increasing demand of specific nursing care for patients with HNIV in general medical ward. However, there is no standardized protocol relating to the nursing care for inpatient with HNIV among the medical department. To align the current practice among different units in UCH. Through clarification of myths about HNIV can swap out the misconception among nursing colleagues and provide a guide for nurses when encountering patient on HNIV.

Methodology

There are two parts in the project which includes theoretical input by lecture and workstation for hands on practicing. A pre / post-test containing 10 multiple choice questions about HNIV is used for assessment. The test was used to analyze if there was any improvement of the competence level on HNIV among participants after the lecture. The workshop was held for hands on practice afterwards where common models of HNIV with accessories were displayed.

Result

The overall correct rate in pre-test was 76.7%, comparing to the post-test result, there was an increase with a total correct rate of 84.2%

The course effectiveness was evaluated by the satisfaction level of participants through an evaluation form. It was evaluated by distributing an questionnaire containing 9 questions with different degree of satisfaction, ranged from strongly disagree, disagree, slightly disagree, slightly agree, agree to strongly agree. 13 questionnaires were collected and the result was positive. Overall satisfactory level of participants was high.