



Service Priorities and Programmes Electronic Presentations

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Enhancement Program on Caring Patient with Mobile Chest Drain Bottle

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Keywords:

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Introduction

Chest drain is use to removal air and fluid in pleural space. According to the number of utilization of chest drain bottle in UCH respiratory ward, which was about 160-200 cases in 2013-2015. The ambulatory cases are increasing trend. We have 3 cases discharged with Mobile Chest Drain (MCD) in 2014-2015 successfully. The services gap of handling MCD are both in nursing staff and patients/caregivers. The nurses are lack of supporting resources and guidelines in KEC/HA. On the other hand, the patients/caregivers are lack of knowledge to handling MCD from hospital to home.

Objectives

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Methodology

The project's timelines have 3 phases which from Sept 2014 to May 2015. We have forming a workgroup for planning project; establish a mobile chest drain mechanism (e.g. design caring of MCD pamphlet and draft MCD pre-discharge guideline) and empowerment to nurses for providing an education seminar. At last, the competences are analyzing the results of pretest and posttest and evaluate the course comments.

Result

Result: The education seminar was 2 hours and 2 CNE points approved which was holding in UCH on 3rd Mar 2015. The 21 participants presented with 18 sets of test results, the mean score of posttest is larger than the pretest. The percentages of operation (category I) questions are significant change to 183%. Moreover, the percentages of home management (category III) and pre-d/c nursing assessment (category IV) questions also are increase to 13.1% and 26.4% respectively. However, the staff satisfaction survey are 89% agree to understand the basic concept/demonstrate on safe, effective mobile chest drain bottle operation, care for patient in acute hospital and discharge plan for the patient. **Conclusion:** After the project phase, we had to discharge patient with MCD under pre-discharge program and in-house guideline successfully.

