



Service Priorities and Programmes
Electronic Presentations

Convention ID: 716

Submitting author: Mr C W CHONG

Post title: Physiotherapist I, KWH, KCC

Physiotherapy Simulation Training on Airway Suction of Kwong Wah Hospital

Chong CW, Li CM, Cheung YK, HO CF

Physiotherapy Department, Kwong Wah Hospital

Keywords:

Physiotherapy

Airway Suction

Simulation Training

High Fidelity Manikin

Introduction

Respiratory Physiotherapy is one of the major services in Kwong Wah Hospital. Airway Suction is one of the techniques acquired by physiotherapist to clear the airway secretion of patient. Simulation Training with High Fidelity Manikin enables participants to practice their skills on airway suction in a safe, controlled environment in order to enhance their clinical skills and develop competencies

Objectives

(1)To practice procedure-based skills of suctioning in a simulated environment(2)To improve the competency of staff in performing different types of suction(3)To enhance the critical thinking and decision making of staff in response to changing conditions of patients during suctioning(4)To provide a structured and systematic training on suctioning with an ultimate aim of enhancing patient safety

Methodology

Fifteen Physiotherapist II participated in this training program. The training program was divided into following 3 parts. Suction Education Seminar A seminar of theory and precaution on open and closed suction for adult as well as paediatric cases was provided to the participants. Part-Task Simulation Training Workshop “Closed airway suction for adults and paediatrics” and “Open tracheostomy suction for adults and paediatrics”, were introduced and demonstrated to the participants. Scenario-based Suction Training A highly immersive scenario-based real clinical cases using a high fidelity manikin was used in the training to test the immediate response of the participants during the procedure. A debriefing session was provided after the training scenario

Result

The participants revealed that they can have a chance to review and familiar with suctioning with enhanced competence. Real clinical suction audit is the next training for suction. The same ‘Suctioning Technique Audit Form’ is used. The aim is to assess participant to transfer simulated training skill in real clinical environment in the coming

training.