



Service Priorities and Programmes
Electronic Presentations

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Effectiveness of Inter-department cardiopulmonary resuscitation drill in Rehabilitation Building, Kowloon Hospital

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Introduction

Facing the increasing frailty of our patients in Rehabilitation Department, it is salient to review the work flow on the medical management of collapsed patient in therapy area of Allied Health Service. Transferring the collapsed patients to wards for advanced management is essential, especially in the advanced resuscitation process. Therefore, an inter-department cardiopulmonary resuscitation (CPR) drill was held to enhance the effectiveness of intra-hospital transfer and the clinical skills of different disciplines.

Objectives

(1)To provide a safe and efficient management flow in handling collapsed patient in Allied Health department. (2)To enhancing clinical skill of different disciplines (3)To enhance communication among healthcare provider.

Methodology

In 2012, CPR workgroup of department of rehabilitation developed two management flows in managing patient arrest and collapsed in therapy area of the Allied Health Services that including PT, OT, and P&O Department. In flow 1, patient received basic life support (BLS) once cardiac arrest was confirmed and direct transferred to ward for advanced resuscitation by therapists. In flow 2, collapsed patient was assessed by nurse and started BLS with therapist if cardiac arrest was confirmed. Meanwhile, ward staff prepared to receive the patient. Time motion was recorded.

Result

Total 7 CPR drills following management flow 1 & 2 were held in PT, OT and P&O department which covered in-patient and out-patient services. 107 healthcare workers (AC, MO, nurses, PT, OT, P&O and security guards) involved in the drills. Average time used in flow 1 was 5 minutes and 30seconds. Flow 2 used about 8 minutes. In the debriefing sessions, the concerned areas (such as the equipment and clinical skill) were discussed and recommendations were provided to enhance the healthcare

delivery services. Through the drills, both safety of patient and communication in management of collapsed patient among the multidisciplinary teams was enhanced. Nurses and therapists reflected that the flows are constructive and effective. In 2013, the management flow will cover other disciplines to provide optimal emergency support to patient in Rehabilitation Building.