



**Service Priorities and Programmes
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Save the first few minutes to save more lives – A standardized workflow for supporting staff involving in CPR

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Introduction

Good quality Cardiopulmonary Resuscitation (CPR) improves patient's chance of survival. The essences for a quality CPR include effective compressions and minimized interruptions. To ensure fulfilling them at the first few minutes of cardiac arrest before the arrival of arrest-team at night shift when nursing staff are limited, a standardized workflow for supporting-staff involving in CPR was developed.

Objectives

(1)To enhance the quality of CPR at the first few minutes with nursing staff concentrating on the effective compressions with minimal interruptions. (2)To facilitate a smooth CPR by preparing the environment and equipment by supporting staff according to a standardized workflow.

Methodology

(1)With the suggestions from the frontline nursing staff, the concerns and feedbacks from the supporting staff, a standardized workflow for supporting staff involving in CPR was developed. (2)The workflow was developed in a meaningful sequence to score the CPR critical points. (3)A set of workflow poster, demonstration and return-demonstration was provided to the nursing and supporting staff to illustrate their roles and duties during CPR.

Result

Results: From mid-2012 to 2013, all of the supporting staff passed the return-demonstration of the standardized workflow in female geriatric ward of United Christian Hospital. They exhibited strong motivation, showed and felt competent to complete their roles according to the workflow in both CPR drills and real CPR. Nursing staff were satisfied with the performances of the supporting staff and welcomed the workflow as a standard ward practice and culture. Conclusion: The standardized workflow for supporting staff involving in CPR is found to be practicable.

It facilitates the smooth running of the first few minutes of CPR which we believe it may transform into better chance of life saving. It also improves manpower availability and staff satisfaction. We are proud of the participation of supporting staff as a team in CPR.