Improve the quality of CPR in M&G Department

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Introduction
The frequency of cardiac arrest in critically ill patient in M&G department is around 30 cases in 1 month. High quality and effective CPR performed by healthcare professionals is essential to save precious life. A well organized monitoring system is required to maintain and enhance the quality of CPR. CPR drills in M&G department is an effective tool to achieve optimal standard of CPR.

Objectives
The CPR drill will be launched in all wards in M&G department annually with average score maintain or exceed 95%.

Methodology
- Each ward select one nurse to act as CPR drill assessor - All CPR drill assessors will form a critical care team - Train-the-trainer workshop for CPR drill assessors is conducted on 26.4.2013 - All critical care team members helps to distribute updated knowledge and skills to all ward staff - Devise the CPR drill schedule from April to Oct for wards to follow - Set up and maintain Resuscitation Anne & ECG Simulator for CPR drill use with checklist devised. - Provide assistance to individual ward CPR drill assessor to conduct CPR drill - Prepare the training and reference material regarding CPR including video, scenario, CPR guideline, use of AED/ defibrillator, intubation, drugs, assessment guideline, marking criteria. - Compile CPR drill results of all wards and identify strength & weakness and give suggestion for improvement. - Conduct CPR training to all new graduates yearly.

Result
Outcomes: - Standardization of E trolley in M&G department. - Devised checking record system and schedule for all ward to follow to ensure E trolley in good function and ready for use all the time. - Devise reference on charting Resuscitation Record, oxylog, AED, Resuscitation - Sharing on Hospital Resuscitation Subcommittee meeting.
- Update Resuscitation call system. - Update record on CPR drill & BLS training. - Devised quick reference on using ETCO2 monitor. Smooth running of CPR drill in M&G Department for all nurses to participate. Average marks on CPR drill are: 2011 95.24% 2012 96.53% 2013 96.61% 2014 96.21% Conclusion: Quality of CPR is maintain and enhance via a systematic comprehensive CPR drills in M&G Department.