Resuscitation Simulation Training
NGAN C K
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Keywords:
Resuscitation
Simulation training
deteriorating patient
Endotracheal intubation
Mechanical ventilation
Debriefing

Introduction
In addition to annual CPR drill, M&G department would like to further enhance our knowledge and skills on resuscitation. It is also supported by ACHS Gap Analysis in Nov 2013 suggested to support ALS training to staff leading resuscitation. Systematic and comprehensive resuscitation simulation training is required.

Objectives
To enhance the knowledge and skills on resuscitation including: CPR skills
Early detection of deteriorating patient
Endotracheal intubation
Trouble shooting of mechanical ventilation

Methodology
3.10.2013 Invitation for department trainer on Resuscitation Simulation Training
6.11.2013 TTT Simulation Training was held on 6.11.2013 with M&G department trainers
12.2.2014 Scenario writing workshop was held
1.5.2014 Three sets of scenario were devised
20.5.2014 Invitation to all M&G doctors & nurses with lecture posterior and reply slip sent
4.6.2014 Trial run of M&G Resuscitation Simulation Training was conducted in Simulation Laboratory with refinement of setting and Sim-man 3G
18.6.2014 Two sessions of Resuscitation Simulation Training were conducted with 8 doctors and 11 nurses participated.

Result
The M&G Resuscitation Simulation Training was held on 18.6.2014 with 8 doctors and 11 nurses participated. Feedback: >94% of participant agree or strongly agree the following: 1. Course has achieved its stated objective: to understand team dynamics
to improve the skills in airway control to improve the skills in CPR to improve the skills in management of shock to improve the skills in troubleshooting on mechanical ventilation 2. Course administration was efficient and friendly 3. Course objectives were consistent with the scenario 4. Course material was up-to-date, well-organized, and presented in sufficient depth 5. Instructor demonstrated a comprehensive knowledge of the subject 6. Instructor inspired questions and participation in debriefing 7. Simulation scenarios are intimate to real life situation 8. Audio-visual materials used were appropriate and of high quality 9. Time is enough for the scenario practice 10. Time is enough for debriefing