



HONG KONG EAST CLUSTER

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**Playing it safe:
Simulation Training with the element of
Crew Resource Management in
Emergency Department of PYNEH**

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Background & Objectives

- Simulation Training (ST)
- Crew Resource Management (CRM)



Crew Resource Management
in Healthcare

- Objectives: To test the efficiency of combined Simulation training with the element of Crew Resource Management

Methodology

- Retrospective review of training records and debriefing comments of trainees from Feb 2012 to Jan 2014
- Simulation training versus Combined training
- Successful completion rate of scenarios and comments were analyzed



A&E



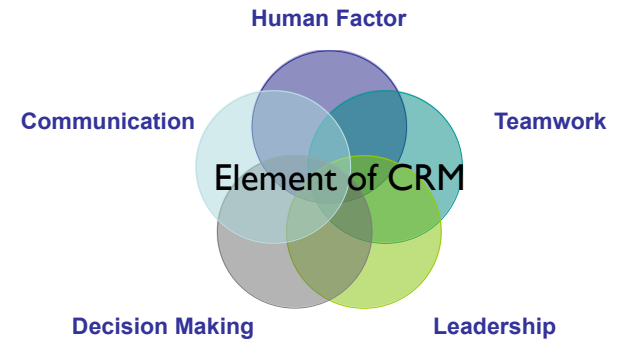
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Sim Lab

Results

- 10 sessions
- 53 Emergency staffs
 - 11 Physicians (28.9%) & 42 Nurses (55.3%)



Results	Session 1 to 5 (Simulation)	Session 6 to 10 (Simulation with element of CRM)
Comments	Knowledge Skill-based	Communication Teamwork Knowledge Skill -based
Successful completion rate of scenarios (P=0.06)	70% (7/10)	100% (10/10)

Conclusions

- Simulation training with the element of Crew Resource Management is useful and practical
- Promote communication and teamwork
- Help to understand strengths and weaknesses
- Enhance staffs to face the challenges in real life situations

