



Tailor-made Simulation Training for doctors and nurses in Community Outpatient Clinic

Leung YWN (1) (2), Choi YF (1) (3), So HM (1) (2), Yeung PH (1) (4), Siu LM (5)

(1) Nethersole Clinical Simulation Training Centre, Hong Kong SAR

(2) Department of Intensive Care, Pamela Youde Nethersole Eastern Hospital (PYNEH), Hong Kong SAR

(3) Accident and Emergency Department, PYNEH, Hong Kong SAR; (4) Nursing Services Division, PYNEH, Hong Kong SAR

(5) Department of Family Medicine and Primary Health Care, Hong Kong Eastern Cluster, Hong Kong SAR

Simulation training provides a safe learning environment for health care practitioners by experiencing various different clinical situations following by debriefing. It is a valuable training method as participants can practice their skills without compromising the safety of real patients.

Most of the high fidelity simulation trainings are targeted for hospital ward staff. Simulation training specific for outpatient clinic staff is very limited.

April 2015 to August 2016, 14 classes were held. 102 doctors and nurses participate this program.

2 members of NCTSC Simulation team visited one of the outpatient clinic



Interview the staff, identified the problems they facing



3 different tailor-made scenarios about clinical emergencies were designed (each last ~ 15mins)



Debriefing sessions were held after each scenario to reflect on the application to the clinical practice.

In the debriefing session, we focused on area including *teamwork, communication skills, situation awareness, decision-making* etc.

We also discussed with them about *managing patients in critical condition* which could happen in outpatient clinics.

Evaluation questions	Mean score	Medium
The scenario is relevant to my practice	4.57	4.5
The course is applicable to my work	4.69	4.67
The debriefing is useful	4.69	4.67
Overall rating of scenario experience (5=very good; 1=very bad)	4.61	4.67
Overall rating of the simulation training experience	4.61	4.59
Would you recommend the workshop to your colleagues (yes = 5; no = 0)	5	5

(5 ranking score: 5 = strongly agree, 1strongly disagree)

"The scenarios are relevant to our work nature"

"I learn the importance of communication and teamwork during CPR"

"Great program and good training experience for us, very practical and useful"

"The training really reflects our self-weakness! The cases are really real, the case could really happen in daily life practice"

"The scenarios are similar to our clinic setting. Useful! Suggest some scenarios outside GOPC clinic"



Tailor-made simulation training focuses and addresses the needs of outpatient clinic staff. Positive feedback from staff has confirmed the valuable impact to their competence. Future simulation training for the them should be continued.