



Hong Kong Jockey Club Innovative Learning Centre for Medicine

Debriefing Skill for Simulation Instructor

Course Information

Overview

Simulation-based education (SBE) is one example of learner-centred education. This methodology is becoming increasingly more popular in healthcare professional education. Debriefing the experience in the training activity is the most important part of SBE. The Debriefing Skill for Simulation Instructor (DSSI) Course aims to provide the essential knowledge and skills to develop learners' competence in debriefing methods commonly used in simulation training courses. The learners will have an understanding of the basic concepts of experiential and learner-centred education, and develop skills in a structured approach to debriefing. On completion of the course, the learner will be able to facilitate a simulated scenario and apply adult learning methods in the teaching activity. Curriculum development, scenario design and other technical aspects of simulation-based education will only be briefly covered to provide an understanding of simulation-based training. This course is suitable for those who wish to learn more about simulation-based learning and to apply the techniques of debriefing and feedback as a tool in teaching adult learners.

The following strategies were considered in the development through this course:

1. There will be pre-course short test for students before class session, while in-class time is devoted to interactive lectures, experiential experience, exercises and discussions. Set of post-course questions will be used to test understanding and knowledge at the end of the course.
2. Whole-Part-Whole learning model is employed in the design of this course. The learner is exposed to a typical simulation-based immersive scenario followed by debriefing initially, followed by instructions and hands-on practice of the individual parts required for a simulation course.
3. In this course the learner will be exposed to basic concept of team-based training and crew resource management elements during the learning activities.
4. The learner is stimulated to adopt simulation-based learning as an effected method of learning and teaching, and be enthusiastic to apply this method.

Course Title	Debriefing Skills for Simulation Instructors
Organizer	Hong Kong Jockey Club Innovative Learning Centre for Medicine
Duration	2 days
Student Quota	20
Course Description	This course is divided into four parts to be completed over two days. <ol style="list-style-type: none"> 1. Basic principles of Adult Learning 2. Overview and Introduction to Simulation 3. Different Debriefing Methods 4. Hands-on Debriefing Exercises
Course Objectives	<ol style="list-style-type: none"> 1. Understand the principles and methods related to adult learning 2. Understanding of the basic concepts of experiential and learner-centred education 3. Develop skills in a structured approach to debriefing
Course Teaching & Learning Activities	<ol style="list-style-type: none"> 1. Pre-course transfer of knowledge base using online e-learning platform 2. Team-based learning 3. Active learning during class through experience (simulation and role play) and reflection to master skills in writing and running scenarios, debriefing, as well as simulated debriefing and peer feedback.
Course Assessment Method	<ol style="list-style-type: none"> 1. Pre-course and Post-course Multiple choice questions 2. Formative assessment by repeated practices followed by group debriefing, as well as faculty and peer feedback 3. No summative assessment

Day 1 Overview and Introduction to Simulation-based Learning

Time	Activity
0830-0930	Session 1 : Setting the Scene
0930-1000	Session 2 : Andragogy
1000-1030	Session 3 : What is Simulation
1030-1050	Break
1050-1150	Session 4 : An experiential overview of simulation
1150-1230	Session 5 : Introduction to Debriefing
1230-1330	Lunch
1330-1400	Session 6 : Phases of Debriefing
1400-1430	Session 7 : Plus-Delta Approach & Directed Feedback
1430-1545	Session 8 : Advocacy-Inquiry Model
1545-1600	Break
1600-1700	Session 9 : Blended Approach
1700-1730	Session 10 : Wrap Up

Day 2 Simulated Debriefing

Time	Activity
0830-0900	Recap
0900-0930	Experiential experience – Scenario 1
0930-1100	Debriefing exercise 1
1100-1130	Break
1130-1200	Experiential experience – Scenario 2
1200-1330	Debriefing exercise 2
1330-1430	Lunch
1430-1500	DASH
1500-1520	Video Debriefing – Scenario 3
1520-1600	Debriefing exercise 3
1600-1615	Video Debriefing – Scenario 4
1615-1700	Debriefing exercise 4
1700-1730	Wrap up and Evaluation