

Information

Course Director

Dr. Yan Wing Wa

Chief of Service
Department of Intensive Care
Pamela Youde Nethersole Eastern Hospital
Advisor
Hong Kong College of Critical Care Nursing

Course Faculty

Experienced doctors and
Critical Care Nursing Fellows
(HKAN)
from four ECMO centres

Trained, experienced ECMO
simulation instructors

Simulation & Manikin Support

Nethersole Clinical Simulation
Training Centre

Industrial Centre
The Hong Kong Polytechnic
University

Target Participants:

Health Care Professionals interested in VV ECMO

Course Date:

Lectures: 5,12,19,26th November, 2013
3rd December, 2013
(15-hr in 5 consecutive Tuesdays)

Lecture time: 18:00 – 21:00

Simulation: 5 or 6/12/2013 (7-hr session)

Assessment: 5 or 6/12/2013 (2-hr session)

Language: English supplemented by Cantonese

Venue:

Lectures – A&E Training Centre,
Tang Shiu Kin Hospital

Simulation – Nethersole Clinical Simulation Training
Centre, Pamela Youde Nethersole
Eastern Hospital

Course Fee:

Full Course (with certificate & ELSO manual) : HKD \$5,500

Lecture only (with handout in soft copy) :HKD \$2,500

CME/CNE accreditation:

CME: Pending

CNE: Full course: 24 points

CNE: Lecture only: 15 points

Enquiry:

Ms. Candice Law Tel: 25956488

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Details: www.hkcccn.org

Online Registration www.hkscem.org/CCECMO



Comprehensive Course in VV ECMO

Jointly organised by

Department of Intensive Care
Pamela Youde Nethersole
Eastern Hospital

Hong Kong College of
Critical Care Nursing



Comprehensive Course in VV ECMO

Lecture Outline

- Introduction and overview
- ECMO physiology walkthrough
- Indications & contraindications for VV ECMO
- ECMO equipment overview
- ECMO startup: Priming & cannulation
- on VV ECMO: Routine patient care
- on VV ECMO: Routine circuit care
- How do I anticoagulate him?
- ECMO and CRRT
- "Crash" during ECMO
- Complications during ECMO
- Weaning, decannulation and complications after ECMO
- Complex cases: Retrieval, transport, surgery
- Complex cases: High flow & VAV conversion
- Ethical issues, social issues & outcome
- Interesting case sharing

VV-ECMO is a life-saving therapy for patients with respiratory failure who failed conventional mechanical ventilation. It has been adopted in Hong Kong since the H1N1 Influenza pandemic in 2009. In order to make such a complicated therapy possible, dedication from a whole team of health care professionals is mandatory.

Our ECMO simulation course had been organized for 7 times and had received much appreciation from our participants. This Comprehensive Course is modified as to provide a comprehensive coverage on both theoretical and practical aspects in VV ECMO according to the ELSO recommended curriculum. The course consists of 15 hours of lectures (5 sessions, 3 hours each) and a 7-hour hi-fidelity simulation workshop. The objective of the course is to equip candidates with knowledge and skills to manage the ECMO system and to fulfill the clinical needs of patients on VV ECMO.



Our series of lectures covers a comprehensive coverage on various aspects of VV ECMO: from physiology of this advanced supportive measures, practical bedside medical and nursing skills, complications and troubleshooting, to the more advanced hi-flow ECMO conversion. Course material (ELSO textbook) will be delivered before the first lecture to Full Course students.

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Comprehensive Course in VV ECMO

Hi-fidelity Simulation Workshop



Priming of Circuit

Setting up ECMO Circuit in Patients

Intra-Hospital Transport and Escort

Oxygenator Change & High Flow Conversion

Complications, Troubleshooting & Catastrophes

The high fidelity simulation session comprises a 7-hour **hands-on** workshop and a 2-hour assessment. Candidates have to prime and initiate VV ECMO on simulators, encounter and troubleshoot genuine ECMO complications and tackle ECMO catastrophes. Practical assessment will be conducted as to reinforce knowledge and skills learnt from this interactive yet comprehensive workshop



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