

College of Cardiac Nursing VA-ECMO Training Programme

Venue: The Continuing HealthCare Education Center (CHEC, Kowloon Bay)

Date: 22-23 November 2014

DAY 1 (22 Nov 2014)

Theme: Familiarization with VA-ECMO

Time	Duration	Topic	Remarks
0830	30 mins	Registration	
0900	1.5hr	Introduction to ECMO: <ul style="list-style-type: none"> ● Physiology of ECMO ● General management in ECMO (circuitry, oxygenator, blood flow target, sedation, pharmacology, anticoagulation, CRRT) 	<ul style="list-style-type: none"> ● Lecture ● Speaker: Dr. Sin Wai Ching
1030	15 mins	Tea break	
1045	1hr15mins	Specific VA ECMO management: <ul style="list-style-type: none"> ● Indications for VA ECMO ● Peripheral cannulation & re-perfusion ● Trouble-shooting & complications specific to peripheral VA-ECMO ● VA ECMO with IABP ● Weaning 	<ul style="list-style-type: none"> ● Lecture ● Speaker: Dr. Wong Ka Lam
1145	30 mins	<ul style="list-style-type: none"> ● Case studies, quiz & discussion (1) 	<ul style="list-style-type: none"> ● Lecture ● Speaker: Dr. Wong Ka Lam, Dr. Simon Sin
1230	1hr	Lunch	
1330	45 mins	<ul style="list-style-type: none"> ● Puzzle: understanding the circuit components 	<ul style="list-style-type: none"> ● Hands-on session (2 tables) ● All facilitators ● 2 stations
1415	1hr	<ul style="list-style-type: none"> ● Introduction of ECMO instrument/console 	<ul style="list-style-type: none"> ● Hands-on session (2 groups in 2 separate room) ● All facilitators
1515	1.5hr	<ul style="list-style-type: none"> ● Cannulation & initiation of ECMO 	<ul style="list-style-type: none"> ● Interactive session ● All facilitators
1620	20 mins	IABP	<ul style="list-style-type: none"> ● Lecture <p>Speaker: Lai Kam Wai</p>
1650	10 mins	Round-up discussion & Adjournment	

DAY 2 (23 Nov 2014)

Theme: Practical tips & ECMO simulation training

Time	Hours	Topic	Remarks	
0900	1hr	● Roles of echocardiogram and ultrasound in ECMO	● Lecture ● Speaker: Dr. Ngai Chun Wai	
1000	30mins	● Case studies, quiz & discussion (2)	● Interactive session ● Speaker: Dr. Ngai Chun Wai, Dr. Sin Wai Ching	
1030	15 mins	Tea break		
		Hands-on & simulation sessions	<ul style="list-style-type: none"> ● Hands-on & simulation sessions ● All participants in 2 groups ● All facilitators 	
		Group 1		Group 2
1045	1hr15mins	Station 1		Station 2
1200	1hr	Lunch		
1300	2hr15mins	Station 1	Station 2	
1515	15 mins	Tea Break		
1530	1hr	Intra-hospital transport of ECMO patient	<ul style="list-style-type: none"> ● Hands- on session ● All participants separate into 2 groups ● 2 separate training rooms ● All facilitators 	
1630	15mins	Round-up & discussion		
1645		Adjournment		