

Clinician Performed Cardiac Ultrasound & Haemodynamics Workshop Programme

Venue: Seminar Room, Neonatal Intensive Care Unit
1st Floor, Women & Children's Complex, University of Malaya Medical Centre

TIME	PROGRAMME	INSTRUCTOR	VENUE
08:00 - 08:45 am	Introduction: <ul style="list-style-type: none"> Welcome, Outline of workshop Use of CPU in the NICU. 	Koert de Waal	Lecture Room
08:45 - 09:30 am	Principles of Ultrasound - Use of ultrasound machine: <ul style="list-style-type: none"> 2D Imaging Pulsed/CW/Color Doppler 	Koert de Waal	Lecture Room
09:30 - 10:00 am	Normal 2D Views & Normal sequential cardiac study	Norazah Zahari	Lecture Room
10:00 - 10:15 am	Morning Tea		
10:15 – 11:15 noon	Myocardial Function & Flow Measurement in Neonates	Shree Vishna Rasiah	Lecture Room
11:15 – 12:15 pm	Case Based Studies (i) Transitional hypotension (preterm) [focus on blood flows, shunts] (ii) PDA assessment [shunt size, pulm blood flow, syst blood flow, syst and diast cardiac function, cardiac remodelling]	Koert de Waal & Faculty	Lecture Room
12:15 - 13:15 am	SESSION 1: Echo hands-on practice <ul style="list-style-type: none"> Standard views & image optimisation PDA Assessment 	Faculty	Stations A-D
13:15 - 14:00 pm	LUNCH (45 minutes)		
14:00 – 15:00 pm	Case Based Studies : (i) PPHN Assessment (ii) Hypovolaemic shock (iii) Septic Shock	Koert de Waal & Faculty	Lecture Room
15:00 – 15:30 pm	Cardiac case discussion	Ang Hak Lee	Lecture Room
15:30- 15:45 pm	Afternoon Tea		
15:45 - 17:00 pm	SESSION 2: Echo hands-on practice <ul style="list-style-type: none"> Myocardial function PPHN assessment Assessment of volumes 	Faculty	Stations A-D
17:00 – 17:30 pm	Introducing CPU to your NICU & Maintaining Skills	Koert de Waal	Lecture Room
17:30 - 17:45 pm	Closing remarks/Discussion/Feedback	Faculty	Lecture Room

HANDS ON STATIONS

SESSION 1	STATIONS	STATION NAME
1215 – 1315 p.m.	A	Standard Views
	B	Standard Views
	C	PDA Assessment
	D	PDA Assessment
SESSION 2	STATION	STATION NAME
1545 – 1700 p.m.	A	Myocardial Function
	B	Myocardial Function
	C	PPHN Assessment
	D	Assessment of Volumes