

The **CHOICE** course
(Central Haemodynamic Options for Individual Critical care
Evaluation)

Day 1	
0830-0845	Opening, general information <i>Michelle Chew</i>
0845-0915	Why investigate central haemodynamics? Evidence, recommendations <i>Michel Slama</i>
<i>Circulatory Physiology</i> <i>Chair: Anders Åneman</i>	
0915-0945	The Frank Starling mechanism revisited <i>Konstantin Yastrebov</i>
0945-1015	Introduction to Guytonian principles <i>Soren Sondergaard</i>
1015-1045	<i>Morning tea</i>
<i>Techniques available at the bedside: principles, applications, limitations and complications</i> <i>Chair: Sören Söndergaard</i>	
1045-1115	Pulmonary Artery Catheters incl. case study <i>Anders Åneman</i>
1115-1145	Transpulmonary thermodilution incl. case study <i>Andrew Hilton</i>
1145-1215	Pulse Contour Analysis incl. case <i>Thomas Hamp</i>
1215-1315	<i>Lunch</i>
1315-1445	Workshop I. Haemodynamic techniques. 5 stations. <i>Sören Söndergaard, Marek Nalos, Thomas Hamp, John Evans, Andrew Hilton, Paul Soeding</i>
1445-1515	<i>Afternoon tea</i>
<i>Echocardiography</i> <i>Chair: Stan Yastrebov</i>	
1515-1545	Systolic function, cardiac output measurements <i>Michelle Chew</i>
1545-1615	Collapse in recovery room. <i>John Evans</i>
1615-1630	Reflections for the day

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Day 2	
Echocardiography Chair: Michel Slama	
0830-0850	Valvular disasters <i>Paul Soeding</i>
0850-0910	Pericardial disasters <i>Andrew Hilton</i>
Choosing the right technique for the individual critically ill patient Chair: Anders Åneman	
0915-1000	Echocardiography short cases. Interpretation. Pass the pointer session. <i>Odd Bech Hansen, Meriam Åhström Aneq, Marek Nalos, Andrew Hilton</i>
1000-1030	<i>Morning tea</i>
1030-1100	Diastolic failure in CCM, application of guidelines in ICU, estimating filling pressures <i>Antoine Vieillard-Baron</i>
1100-1115	Shock in ICU. Individualizing the choice of central haemodynamic diagnosis and monitoring <i>Marek Nalos</i>
1115-1200	Echocardiography short cases. Interpretation. Pass the pointer session. <i>Odd Bech Hansen, Meriam Åström Aneq, John Evans, Paul Soeding</i>
1200-1300	<i>Lunch</i>
1300-1500	Workshop II. Interpretation of haemodynamic parameters (combined PAC, TPTD, PCA, Echocardiography) <i>Thomas Hamp, John Evans, Andrew Hilton, Paul Soeding</i>
1500-1530	<i>Afternoon tea</i>
Haemodynamic monitoring and patient outcomes Chair: Michelle Chew	
1530-1550	How should we structure research projects for diagnostic and monitoring haemodynamic techniques, that would be relevant to patients' outcomes? <i>Antoine Vieillard-Baron</i>
1550-1610	Summary of clinical CHOICES. The future vision. <i>Anders Åneman</i>
16.10–16.30	Questions to the panel.

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