



The Intensive Connection



**TRANSITION COURSE (APPLICATION) IN HAEMODYNAMICS
2-3 May 2024**

Day 1, May 2, 2024

09:00	Welcome + faculty introduction + checklist	<i>M Chew, C Lai, J Aron</i>
09:20	Basics in physiology: tissue oxygenation <i>Moderator: X Monnet</i>	<i>K Donadello</i>
09:50	How I interpret PCO ₂ -derived indices <i>Moderator: I Van Der Horst</i>	<i>X Monnet</i>
10:20	How I interpret SvO ₂ <i>Moderator: C Lai</i>	<i>I Van Der Horst</i>
10:50	Q&A	
11:00	BREAK	
11:15	Advanced monitoring: pulmonary artery catheter <i>Case-based session</i> <i>Moderator: M Chew</i>	<i>A Messina</i>
11:45	Advanced monitoring: transpulmonary thermodilution <i>Case-based session</i> <i>Moderator: M Jozwiak</i>	<i>X Monnet</i>
12:15	Non-invasive cardiac output monitoring: suitable for ICU patients? <i>Moderator: J Aron</i>	<i>J Benes</i>
12:45	Q&A	
13:00	LUNCH	
13:40	Coffee with learners	<i>All faculty</i>
13:55	Welcome back, what we learnt so far, goals for this afternoon	<i>M Chew, C Lai, J Aron</i>
14:00	Haemodynamic monitoring in septic shock <i>Case-based session</i> <i>4 Breakout rooms</i> <i>Moderators: N Aissaoui, J Aron, J Benes, M Chew, M Jozwiak, C Lai, A Messina, I van der Horst</i>	<i>O Hunsicker</i>



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- 14:45 Haemodynamic monitoring in cardiogenic shock *N Aissaoui*
Case-based session
4 Breakout rooms
Moderators: J Aron, J Benes, M Chew, O Hunsicker, C Lai, A Messina
- 15:30 Q&A
- 15:45 BREAK
- 16:00 Haemodynamic monitoring in obstructive shock *J Aron*
Case-based session
Moderator: M Chew, O Hunsicker
- 16:30 Don't forget the CVP! *C Lai*
Moderator: A Messina
- 17:00 Which haemodynamic monitoring for my ICU patient? *J Benes, A Messina, X Monnet*
Open debate
Moderator: M Chew
- 17:30 How do I implement at bedside what I learnt today? *led by J Aron with*
faculty and participants
- 18:00 END DAY 1



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Day 2, May 3, 2024

09:00	Welcome Day 2	<i>J Aron, C Lai</i>
09:20	Assessment of fluid responsiveness by mimicking a fluid challenge <i>Moderator: M Chew</i>	<i>A Messina</i>
09:50	How I perform a fluid challenge <i>Moderator: C Lai</i>	<i>M Cecconi</i>
10:20	Basics in physiology: heart-lung interactions <i>Moderator: J Benes</i>	<i>X Monnet</i>
10:50	Q&A	
11:00	BREAK	
11:15	Assessment of fluid responsiveness with heart-lung interactions <i>Moderator: A Messina</i>	<i>C Lai</i>
11:45	Weaning failure from cardiac origin <i>Moderator: I van der Horst</i>	<i>X Monnet</i>
12:15	Rational use of vasopressors and inotropes <i>Moderator: A Messina</i>	<i>M Jozwiak</i>
12:45	Q&A	
13:00	LUNCH	
13:40	Coffee with the learners	<i>All faculty</i>
13:55	Welcome back, what we learnt so far, goals for this afternoon	<i>M Chew, C Lai, J Aron</i>
14:00	Should one restrict fluid infusion and start early vasopressors in septic patients? <i>Open debate</i> <i>Moderator: M Chew</i>	<i>M Jozwiak, I van der Horst</i>
14:30	Fluid accumulation – inevitable consequence or unwanted complication? <i>Moderator: M Chew</i>	<i>X Monnet</i>
15:00	Q&A	
15:15	BREAK	



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15:30 New trends in cardiogenic shock
Moderator: M Chew

B Levy

16:00 A series of shocks: clinical case
2 Breakout rooms
Moderators: J Aron, B Levy, N Aissaoui, M Jozwiak

M Chew

16:45 How do I implement at bedside what I learnt today?

led by C Lai, faculty and participants

17:15 Competition quiz

M Chew, C Lai, J Aron

17:30 END DAY 2

Preliminary