

FOUNDATION COURSE IN HAEMODYNAMICS Part I
December 10-11, 2025

** The event is scheduled according to Central European Time*

Day 1, December 10, 2025

09:00	Welcome and ice-breaking activity	<i>C Lai, M Maggiorini, N De Vita</i>
09:20	Cardiovascular Physiology I: Determinants of arterial blood flow <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>M Maggiorini C. Lai N De Vita, O. Hunsicker</i>
10:00	Q&A	<i>All faculty</i>
10:10	Cardiovascular Physiology II: Determinants of cardiac function <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>M Maggiorini O. Hunsicker J Benes, L Borgstedt</i>
10:50	Q&A	<i>All faculty</i>
11:00	What should I take to the bedside? <i>Whiteboard session</i> <i>Moderator:</i> <i>Facilitators interaction with audience:</i>	<i>C. Lai, J Benes, O. Hunsicker M Maggiorini L Borgstedt, N De Vita</i>
11:20	BREAK The 3W's Break (Walk, Window, Water)	
11:35	Pathophysiology of shock <i>Moderators:</i> <i>Facilitators interaction with audience:</i>	<i>M. Chew O Hunsicker N De Vita, J Benes</i>
12:05	Q&A	<i>All faculty</i>
12:15	Bedside assessment of tissue oxygenation and perfusion <i>Moderator:</i> <i>Facilitators interaction with audience:</i>	<i>JL Teboul M Maggiorini L Borgstedt, C. Lai</i>
12:45	Q&A	<i>All faculty</i>
12:55	What should I take to the bedside? <i>Whiteboard session</i> <i>Moderators:</i> <i>Facilitators interaction with audience:</i>	<i>M Maggiorini, J. Benes, C. Lai O. Hunsicker, N De Vita</i>
13:15	LUNCH & VIRTUAL COFFEE	

14:00	Arterial pressure curve variables <i>Moderator:</i> <i>Facilitators interaction with audience:</i>	<i>H Riha</i> <i>M. Maggiorini</i> <i>N De Vita, C. Lai</i>
14:30	Q&A	<i>All faculty</i>
14:40	Basic cardiovascular pharmacotherapy <i>Moderator:</i> <i>Facilitators interaction with audience:</i>	<i>J Benes</i> <i>H Riha</i> <i>N De Vita, O. Hunsicker</i>
15:10	Q&A	<i>All faculty</i>
15:55	What should I take to the bedside? <i>Whiteboard session</i> <i>Moderators:</i> <i>Facilitators interaction with audience:</i>	<i>J. Benes, M. Maggiorini</i> <i>L. Borgstedt, N De Vita</i>
16:15	BREAK: The 3W's Break (Walk, Window, Water)	
16:30	BREAKOUT ROOMS WORKSHOP (2x30 min.)	
	Clinical case: septic shock <i>Room 1 moderators:</i>	<i>L Borgstedt</i> <i>JL Teboul, H. Riha</i>
	Clinical case: hypovolemic shock <i>Room 2 moderator:</i>	<i>A. Klimovic, J. Benes</i> <i>M Chew</i>
17:30	What should I take to the bedside? <i>Ask the experts</i> <i>Moderator:</i> <i>Facilitators interaction with audience:</i>	<i>C. Lai, JL Teboul, M. Maggiorini</i> <i>J Benes</i> <i>L Borgstedt, H. Riha</i>
17:45	END DAY 1	

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Day 2, December 11, 2025

09:00	Welcome, recap of Day 1 & Checklist review	<i>C Lai, M Maggiorini</i>
09:20	Fluid therapy fundamentals <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>C Lai</i> <i>S Myatra</i> <i>L Borgstedt</i>
09:50	Q&A	<i>All faculty</i>
10:00	Principles of cardiac output monitoring <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>X Monnet</i> <i>J. Benes</i> <i>N De Vita</i>
10:30	Q&A	<i>All faculty</i>
10:40	Principles of central venous pressure monitoring <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>C Lai</i> <i>S Myatra</i> <i>O. Hunsicker</i>
11:00	BREAK	<i>All faculty</i>
11:15	What should we take to the bedside? <i>Whiteboard session</i> <i>Moderators:</i> <i>Facilitator interaction with audience:</i>	<i>J Benes, JL Teboul, O.Hunsicker</i> <i>C Lai, S Myatra</i> <i>L Borgstedt</i>
11:35	Haemodynamic monitoring with limited resources <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>S Myatra</i> <i>J Benes</i> <i>C Lai</i>
12:05	Q&A	<i>All faculty</i>
12:15	Focused echocardiography for undifferentiated shock <i>Moderator:</i> <i>Facilitator interaction with audience:</i>	<i>O Hunsicker</i> <i>M Chew</i> <i>C Lai</i>
12:45	Q&A	<i>All faculty</i>
12:55	What should we take to the bedside? <i>Whiteboard session</i> <i>Moderators:</i> <i>Facilitator interaction with audience:</i>	<i>J Benes, JL Teboul, O. Hunsicker</i> <i>C Lai, S Myatra</i> <i>L Borgstedt</i>
13:15	LUNCH & VIRTUAL COFFEE	



14:15 **BREAKOUT ROOMS WORKSHOP (2x30 min.)**

Clinical case: cardiogenic shock
Room 1 moderators:

*N De Vita & O Hunsicker
M Maggiorini, M. Chew*

Clinical case: obstructive shock
Room 2 moderators:

*C Lai
S. Myatra, X Monnet*

15:15 **BREAK: The 3W's Break (Walk, Window, Water)**

15:20 **What should I take to the bedside?**

Ask the experts

Moderators:

Facilitators interaction with audience:

S Myatra, M. Chew, X. Monnet

J Benes

L Borgstedt, N De Vita

15:30 **Wrap-up**

C. Lai, M. Maggiorini

15:45 **Quiz competition**

O Hunsicker, J. Benes

16:15 **END DAY 2**

Preliminary