

ADVANCED COURSE IN INTENSIVE CARE ECHOCARDIOGRAPHY

October 10-11, 2026

Face-to-face, Lisbon, Portugal

DAY 1 – October 10, 2026

Afternoon sessions:

Moderators: M. Balik (chair) and F. Boissier (facilitator)

13:00	Welcome	<i>M Slama</i>
13:05	Reasons for performing Advanced Critical Care Echocardiography	<i>D. De Backer</i>
13:25	Session 1: Technical aspects: TEE: planes, indications, side effects & contra-indications (<u>with on-line demonstration</u>) Echocardiography Doppler: pitfalls and limitations Speckle tracking LV, RV and LA strain: how to implement in ICU patients (tips & limitations)?	<i>M. Slama, P Mayo</i> <i>D. Cloete</i> <i>M. Chew</i>
14:25	Q&A	
14:40	Clinical case workshop (1): How to assess a patient with <u>shock#1</u> ? (<i>basic vs. advanced CCE</i>)	<i>F. Boissier</i>
15:10	BREAK	
<i>Moderators: M. Slama (chair) and P. Mayo (facilitator)</i>		
15:25	Session 2: Left ventricular (LV) function and dysfunction: Beyond cardiac output: how to integrate parameters of LV performance? Spectrum of acute reversible LV dysfunction in ICU patients Is Doppler assessment of LV filling pressures accurate? How to hemodynamically assess ICU patients with non-sinus rhythm?	<i>P. Vignon</i> <i>P. Mayo</i> <i>M. Slama</i> <i>M. Balik</i>
16:45	Q&A	
17:00	Clinical case workshop (2): How to assess a patient with <u>shock#2</u> ? (hemodynamic monitoring)	<i>D. Wall</i>
17:45	Wrap up	
18:00	END OF DAY 1	

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DAY 2 – October 11, 2026

Morning sessions:

Moderators: F. Boissier (chair) and P. Vignon (facilitator)

08:30	Welcome and recap DAY 1	M. Balik
08:35	European Diploma: How does it work?	J. Aron
08:45	Session 3: Normal valvular function and valvular dysfunction: Normal anatomy (recorded session) What the intensivist should know about acute valvulopathies? What the intensivist should know about chronic valvulopathies? What the intensivist should know about severe infective endocarditis?	S. Orde J. Hastings K. Jiroutková D. Wall
10:15	Q&A	
10:30	BREAK	
10:45	Clinical cases workshop (3): How to assess a patient with <u>acute respiratory failure</u> ?	O. Hunsicker
11:30	Session 4: Right ventricular (RV) function and dysfunction: Which parameter of RV systolic function to use on clinical grounds? Echocardiography-guided management of ARDS patients Is echocardiography useful for pulmonary embolism? Assessment of systemic venous congestion: does it require 'original' (full) VExUS approach?	F. Boissier A. Vieillard-Baron A. Kallai A. Herpain
12:30	Q&A	
12:45	LUNCH	

Afternoon sessions:

Moderators: A. Vieillard-Baron (chair) and M. Balik (facilitator)

14:00	Clinical case workshop (4): How to assess a patient with <u>severe cardiorespiratory failure</u> ? When echocardiography indicates ECLS	A. Vieillard-Baron M. Balik
14:45	Session 5: Advanced echocardiography in specific settings: "How I...?" How I use CCE to assess a heart of an organ donor? How I use CCE to complement chest CT in ventilated patients with cardiovascular trauma? How I use CCE in hypotensive patients after open heart surgery? How I use CCE to guide invasive procedures in ventilated ICU patients at the bedside?	M. Balik P. Vignon B. Cholley P. Mayo
15:45	Q&A	
16:00	Clinical case workshop (5): <u>Facts vs. artifacts or normal variants?</u>	P. Vignon
16:30	Wrap up	M. Slama
16:35	END OF DAY 2	