

ADVANCED COURSE IN INTENSIVE CARE ECHOCARDIOGRAPHY**October 25-26, 2025****Face-to-face, Munich, Germany****DAY 1 – October 25, 2025****Afternoon sessions:***Moderators: M. Balik (chair) and F. Boissier (facilitator)*

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|-------|---|--------------------------------|
| 13:00 | Welcome | M. Balik |
| 13:05 | Overview on Advanced Critical Care Echocardiography | D. De Backer |
| 13:25 | Session 1: Technical aspects:
TEE: planes, indications, side effects & contra-indications
Echocardiography Doppler: pitfalls and limitations
Speckle tracking <i>strain</i> : ready for routine echocardiography in ICU patients? | J. Aron
M. Slama
M. Chew |
| 14:25 | Q&A | |
| 14:40 | Clinical case workshop (1): How to assess a patient with <u>shock#1</u> ? (basic vs. advanced CCE) | F. Boissier |
| 15:10 | BREAK | |

Moderators: S. Price (chair) and P. Mayo (facilitator)

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| 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? | P. Vignon
P. Mayo
F. Sanfilippo
M. Balik |
| 16:45 | Q&A | |
| 17:00 | Clinical case workshop (2): How to assess a patient with <u>shock#2</u> ? (hemodynamic monitoring) | B. Cholley |
| 17:45 | Wrap up | |
| 18:00 | END OF DAY 1 | |

ADVANCED COURSE IN CRITICAL CARE ECHOCARDIOGRAPHY
October 25-26, 2025
Face-to-face, Barcelona, Spain

DAY 2 – October 26, 2025

Morning sessions:

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

08:30	Welcome and recap DAY 1	<i>M. Balik</i>
08:35	European Diploma: How does it work?	<i>J. Aron</i>
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?	<i>S. Orde J. Hastings K. Jiroutkova D. Wall</i>
10:15	Q&A	
10:30	BREAK	
10:45	Clinical cases workshop (3): How to assess a patient with <u>acute respiratory failure#1?</u> (valvular prosthesis dysfunction)	<i>S. Price</i>
11:30	Session 3: Right ventricular (RV) function and dysfunction: Which parameter of RV systolic function to use on clinical grounds? Echocardiography-guided management of ARDS patients Systemic venous congestion: does it require 'original' VExUS approach?	<i>A. Mekontso-Dessap A. Vieillard-Baron D. De Backer</i>
12:30	Q&A	
12:45	LUNCH	

Afternoon sessions:

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

14:00	Clinical case workshop (4): How to assess a patient with <u>acute respiratory failure#2?</u> (patient with ARDS & acute cor pulmonale with systemic venous congestion)	<i>A. Vieillard-Baron</i>
14:45	Session 4: Advanced echocardiography in specific settings: "How I...?" How I use CCE to assess the heart following brain death? 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?	<i>M. Balik P. Vignon B. Cholley P. Mayo</i>
15:45	Q&A	
16:00	Clinical case workshop (5): <u>Facts vs. artifacts or normal variants?</u>	<i>P. Vignon</i>
16:30	Wrap up	<i>M. Balik</i>
16:35	END OF DAY 2	