



The Intensive Connection



ADVANCED COURSE ON CRITICAL CARE ECHOCARDIOGRAPHY

October 21-22, 2023

Face-to-face, Milan, Italy

DAY 1 – October 21, 2023

Afternoon session

Moderators: M Balik & P Vignon

- 13:00 Welcome M Balik, A Vieillard-Baron, P Vignon
- 13:15 Overview on Critical Care Echocardiography D De Backer
- 13:45 TEE: indications & contra-indications, main views & parameters, side effects A Vieillard-Baron
- 14:15 **Session 1: Evaluation of LV systolic function and cardiac output**
Assessment of cardiac output in clinical practice B Cholley
Assessment of global LV systolic function with conventional parameters G Tavazzi
Additional value of LV systolic strain A Herpain
- 15:15 Q&A
- 15:30 BREAK
- Moderators: N Aissaoui & M Slama
- 15:45 **Session 2: Evaluation of LV diastolic function**
Which rationale & limitations for current guidelines? F Sanfilippo
How to integrate current diagnostic criteria in ICU practice? N. Aissaoui
- 16:45 Q&A
- 17h00 **Session 3: Evaluation of fluid responsiveness**
In *spontaneously breathing* patients M Slama
In patients under *mandatory ventilation* O Hamzaoui
- 17:45 Q&A
- 18:00 END DAY 1

DAY 2 – October 22nd, 2023

Morning session

Moderators: A Herpain & P Vignon

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| 08:30 | Welcome and recap DAY 1 | <i>P Vignon</i> |
| 08:45 | European Diploma: how does it work? | <i>M Balik</i> |
| 08:55 | Hemodynamic assessment of ICU patients in non-sinus rhythm | <i>M Balik</i> |
| 09:15 | Session 4: Evaluation of RV function & pulmonary artery pressure
Afterloaded RV
Intrinsic RV dysfunction | <i>A Vieillard Baron
A Mekontso-Dessap</i> |
| 10:00 | Q&A | |
| 10:15 | CLINICAL CASE WORKSHOP 1: Fluid responsiveness in an ARDS patient | <i>P Vignon</i> |
| 11:00 | BREAK | |
| 11:15 | Session 5: Evaluation of valvular diseases for the intensivists
Aortic stenosis and regurgitation
Mitral regurgitation and mitral stenosis
Endocarditis (incl. pace lead – prosthetic valve infection) | <i>N Aissaoui
A Herpain
M Chew</i> |
| 12:15 | Q&A | |
| 12:30 | LUNCH | |

Afternoon session

Moderators: P Mayo & S Price

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| 13:30 | Session 6: Critical Care Echocardiography potpourri
Pericardial disease
Acute aortic syndrome
Cardiac arrest
Pitfalls and mimickers | <i>P Mayo
G Doufle
P Mayo
P Vignon</i> |
| 15:30 | Q&A | |
| 15:45 | BREAK | |
| 16:00 | CLINICAL CASE WORKSHOP 2: Systolic dysfunction & septic shock | <i>J Aaron</i> |
| 16:30 | CLINICAL CASE WORKSHOP 3: Patient under ECMO | <i>G Tavazzi</i> |
| 17:00 | Q&A | |
| 17:15 | Wrap-up | <i>P Vignon & M Balik</i> |
| 17:30 | END DAY 2 | |