

**Advanced Course in ECLS/ECMO
JOINT EVENT EuroELSO & ESICM
June 11-12, 2025**

DAY 1, June 11, 2025

Morning session

Moderators:

N. Barrett & J. Riera

09:00 Welcome/Objectives of the Day/ Ice-breaking activity

J. Bělohávek & D. Dauwe

09:15 VV-ECMO for adult respiratory failure

Moderator:

M. Schmidt

T. Müller

10:30 Short topics:

- 20': Procedures on ECMO
- 20': Intra and inter-hospital transportation on ECMO
- 20': ECMO and infections

D. Rob

L. Carson-Price

J. Riera

11:30 BREAK

11:45 Circuit complications

L. Carson-Price

12:30 Q&A

12:45 LUNCH

Afternoon session

Moderators:

T. Müller & D. De Backer

13:45 Welcome back

13:50 Role of imaging for safe ECMO cannulation and troubleshooting

D. Dauwe

14:30 Clinical case workshop: ECMO for adult respiratory failure

J. Riera & S. Wulczynska

15:45 BREAK

16:00 ECMO for refractory cardiac arrest (ECPR)

- Evidence
- Indications and contra-indications
- Postresuscitation care and neuro prognostication on ECMO
- Nursing issues
- How to organize an ECPR program

Led by J. Bělohávek

J. Bělohávek

J. Bělohávek

J. Bělohávek/D. Rob

S. Wulczynska

J. Bělohávek / A. Hutin

17:15 Q&A

17:30 END DAY 1

DAY 2 – June 12, 2025

Morning session

Moderators:

M. Belliato & D. Dauwe

09:00 Welcome/Objectives of the Day

J. Bělohávek & D. Dauwe

09:15 ECMO for adult cardiac failure: Assessment and treatment of complications secondary to patient – VA-ECMO interactions

D. Dauwe

- Focus on left heart congestion & ventriculoatrial uncoupling: medical and surgical unloading strategies
- Other: Differential oxygenation, limb ischemia

10:30 Weaning from VA-ECMO support (including echocardiography assessment)

D. Donker

11:30 BREAK

11:45 VA-ECMO versus other short-term circulatory support devices (Impella, IABP...) *D. Rob*

12:30 Q&A

12:45 LUNCH

Afternoon session

Moderators:

D. Dauwe & J. Riera

13:45 Welcome back

13:50 Indications and challenges of 'non-standard' ECMO configurations (V-AV, V-P, high flow configurations, V-A with a subclavian return line...)

R. Lorusso

14:20 Clinical case workshop: ECMO for adult cardiac failure

J. Bělohávek & D. Dauwe

15:35 BREAK

15:50 Capita Selecta:

- 30' Awake ECMO: Potential benefits and pitfalls
- 30' Drug management during ECMO support

P. Sklienka

D. Tibboel

16:50 Q&A

17:30 Wrap up / END COURSE