

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

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

DAY 1, June 11, 2025

Morning session

Moderators:

N. Barrett & J. Riera

09:00	Welcome/Objectives of the Day/ Ice-breaking activity	<i>J. Bělohlávek & D. Dauwe</i>
09:15	VV-ECMO for adult respiratory failure - Ventilator management and potential role for prone positioning - Management of suboptimal oxygenation during VV-ECMO support - Weaning from VV-ECMO	<i>M. Schmidt</i>
10:25	Short topics: - 20': Nosocomial infections in ECMO patients - 20': Procedures on ECMO	<i>J. Riera</i> <i>D. Rob</i>
11:05	Q&A	
11:15	BREAK	
11:25	Capita Selecta: - 30' Awake ECMO: Potential benefits and pitfalls	<i>P. Sklienka</i>
11:55	The circuit: - 35' Circuit complications	<i>L. Carson-Price</i>
12:30	Q&A	
12:45	LUNCH	

Afternoon session

Moderators:

T. Müller & D. De Backer

13:45	Welcome back	<i>J. Bělohlávek & D. Dauwe</i>
13:50	Role of imaging for safe ECMO cannulation and troubleshooting	<i>D. Dauwe</i>
14:30	Clinical case workshop: ECMO for adult respiratory failure	<i>T. Mueller, J. Riera, S. Wulczynska</i>
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	<i>Led by J. Bělohlávek</i> <i>J. Bělohlávek</i> <i>J. Bělohlávek</i> <i>J. Bělohlávek/D. Rob</i> <i>S. Wulczynska</i>



- How to organize an ECPR program

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

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| 09:00 | Welcome/Objectives of the Day | <i>J. Bělohávek & D. Dauwe</i> |
| 09:15 | ECMO for adult cardiac failure: Assessment and treatment of complications secondary to patient – VA-ECMO interactions
- Focus on left heart congestion & ventriculo-arterial uncoupling: medical and surgical unloading strategies
- Other: Differential oxygenation, limb ischemia | <i>D. Dauwe</i> |
| 10:30 | VA-ECMO versus other short-term circulatory support devices (Impella, IABP...) | <i>D. Rob</i> |
| 11:15 | BREAK | |
| 11:30 | Weaning from VA-ECMO support (including echocardiography assessment) | <i>D. Donker</i> |
| 12:30 | Q&A | |
| 12:40 | LUNCH | |

Afternoon session

Moderators:

D. Dauwe & M. Belliato

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| 13:25 | Welcome back | <i>J. Bělohávek & D. Dauwe</i> |
| 13:30 | Capita Selecta
- 30' Drug management during ECMO support | <i>D. Tibboel/N. Hunfeld</i> |
| 14:00 | Indications and challenges of 'non-standard' ECMO configurations (V-AV, V-P, high flow configurations, V-A with a subclavian return line...) | <i>R. Lorusso</i> |
| 14:20 | Clinical case workshop: ECMO for adult cardiac failure | <i>J. Bělohávek & D. Dauwe</i> |
| 15:35 | Q&A | |
| 15:55 | BREAK | |
| 16:10 | The circuit:
- 20' Intra and inter-hospital transportation on ECMO | <i>L. Carson-Price</i> |
| 16:30 | Q&A | |
| 17:00 | Wrap up / END COURSE | |