



ECPR

PRAGUE SCHOOL

OCTOBER 24–26, 2024 • Czech Republic

Thursady October 24 Precongress workshops

DIFFERENT VENUE!!!

Charles University, First Faculty of Medicine, Institute of Physiology, Albertov 5, 128 00 PRAGUE 2

9:00 – 16:30 **Hands-on experimental ECPR Workshop**

Jan Belohlavek, Mikulas Mlcek, Anna Valerianova

MAIN VANUE CUBEX Congress Center (Na Strži 2097/63, Prague 4)

Main hall

11:00 - 12:30 **ECPR for beginners – part 1**

Daniel Rob, Ingrid Magnet, Michael Poppe,

Milan Dusík, Jan Pudil, Mirko Belliato,

Andrea Montisci, Mark Dennis

Basics, rationale for ECPR, terminology

Ingrid Magnet, Michael Poppe

ECPR systems (pre/in-hospital) and pre-ECPR care

(transport, mechanical CPR, airway management etc.)

Ingrid Magnet, Michael Poppe

Patient selection and timing

Milan Dusik

Cannulation and decannulation

Daniel Rob

12:30 – 13:30 **Mini lunch break**

13:30 - 15:00 **ECPR for beginners - part 2**

Daniel Rob, Ingrid Magnet, Michael Poppe,

Milan Dusík, Jan Pudil, Mirko Belliato,

Andrea Montisci, Mark Dennis

Investigations (cardiac - CAG, non-cardiac - CT)

Jan Pudil

VA ECMO physiology in ECPR (start, specifics, unloading, weaning)

Mirko Belliato/Andrea Montisci

ICU management of ECPR

Milan Dusík

Neurological assessment

Mark Dennis/Natalie Kruit

Complications management

Jan Pudil

15:00 – 15:30 **Coffee Break**

15:30 - 17:00 **ECPR interactive quiz/simulation**

Jan Pudil, Daniel Rob, Frantisek Mlejnsky

17:00 – 17:30 **Coffee Break**

17:30 - 19:00 **Best case championship**

Jan Belohlavek, Jason Bartos, TBD



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Training room 1

11:00 - 12:30 **ECMO Training Village Zurich2024 -edition 1**

*Martin Oliver Schmiady, Tobias Aigner,
Christopher Kupka*

12:30 – 13:30 **Mini lunch break**

13:30 - 15:00 **ECMO Training Village Zurich 2024 -edition 2**

*Martin Oliver Schmiady, Tobias Aigner,
Christopher Kupka*

15:00 – 15:30 **Coffee Break**

15:30 - 17:00 **Barcelona SIM Center Simulation - edition 1**

Jordi Riera, María Martínez

17:00 – 17:30 **Coffee Break**

17:30 - 19:00 **Barcelona SIM Center Simulation - edition 2**

Jordi Riera, María Martínez

Training room 2

11:00 - 12:30 **Pediatric ECMO Training Village Prague ECPR 2024 - edition 1**

Mirjana Cvetkovic

12:30 - 13:30 **Mini lunch break**

13:30 - 15:00 **Pediatric ECMO Training Village Prague ECPR 2024 - edition 2**

Mirjana Cvetkovic

15:00 - 15:30 **Coffee break**

15:30 - 17:00 **Poznan SIM Center Simulation - edition 1**

Justyna Swol, Marek Dabrowsky, Mateusz Puszecki

17:00 - 17:30 **Coffee break**

17:30 - 19:00 **Poznan SIM Center Simulation - edition 2**

Justyna Swol, Marek Dabrowsky, Mateusz Puszecki

Training room 3

11:00 - 12:30 **Resuscitec-CARL, Getinge, Abiomed**

Daniel Rob, Michael Poppe

12:30 - 13:30 **Mini lunch break**



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13:30 - 15:00 **Resuscitec-CARL, Getinge, Abiomed**

15:00 - 15:30 **Coffee break**

15:30 - 17:00 **Getinge**

17:00 - 17:30 **Coffee break**

17:30 - 19:00 **Getinge**



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Friday October 25 MAIN CONGRESS

Day 1

Main Hall

11:00 - 11:05	Welcome notes	<i>Jan Belohlavek</i>
11:05 - 12:30	Main session	<i>Laurie J. Morrison, Jacqueline Tamis-Holland, Jason Bartos, Jan Belohlavek</i>
11:05 – 11:25	A year in review - ECPR	Jan Belohlavek
11:25 – 11:45	What ECPR implementation means for the community	Laurie J. Morrison
11:45 – 12:00	AHA resuscitation guidelines update 2023	Jason Bartos
12:00 – 12:15	ECPR long term outcomes - Prague OHCA study results	Daniel Rob
12:15 – 12:30	Round table discussion	All
12:30 - 13:30	Mini lunch break	
13:30 - 15:30	Challenges in ECPR	<i>Elizabeth Wilcox, Tamas Alexy, Joshua Reynolds</i>
13:30 – 13:50	Outcomes in resuscitation studies revisited	Elizabeth Wilcox
13:50 – 14:10	Research gaps in ECPR - how many ways to go...	Laurie J. Morrison
14:10 – 14:30	Gender and racial disparities	
	to establish an ECPR programme	Jacqueline Tamis-Holland
14:30 – 14:50	A dynamic probability of survival in ECPR vs. CCPR	Jan Belohlavek
14:50 – 15:10	How long to wait before ECPR implementation is justified	Joshua Reynolds
15:10 – 15:30	Discussion	All
15:30 – 17:00	Cardiogenic shock and cardiac arrest - a continuum?	<i>Petr Ostadal, Roberto Lorusso, Sern Lim</i>
15:30 – 15:50	Danger shock trial - focus on cardiac arrest	Carsten Skurk
15:50 – 16:10	A continuum of cardiogenic shock to refractory cardiac arrest	Sern Lim
16:10 – 16:25	VA ECMO in cardiogenic shock - current status	Petr Ostadal



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16:25 – 16:40 Escalation to mid and long term support in ECPR

Federico Pappalardo

16:40 – 17:00 Discussion

All

17:00 - 17:30 **Coffee break**

17:30 - 18:30 **Developing ECPR systems around the world**

Carsten Skurk, Daniel Rob, Laurie Morrison

17:30 – 17:45 Challenges in establishing an ECPR
programme in New York City

Jacqueline Tamis-Holland

17:45 – 18:00 ECPR for OHCA in Germany

Thomas Jasny

18:00 – 18:15 CHEER trial and current consequences

Dion Stub

18:00 – 18:30 Discussion

All

18:30 - 19:30 **Organs involvement in prolonged CPR/ECPR**

Houda Alfourdri, Stepan Havranek, TBD

18:30 – 18:45 Ischemia reperfusion injury in ECPR

Georg Trummer

18:45 – 19:00 Coagulation system - an organ affected by ECPR?

Christoph Vandenbriele

19:00 – 19:15 Heart rhythms and its relationship to outcome in ECPR

Stepan Havranek

19:15 – 19:30 Discussion

All

19:30 **Welcome reception**



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Saturday October 26

MAIN CONGRESS

Day 2

Main Hall

8:00 – 9:00	Breakfast workshop	
9:00 -10:00	ECPR is considered to be a state of the art intervention	<i>Daniel Rob, Jacqueline Tamis-Holland, TBD</i>
9:00 – 9:15	Yes, no doubt	Mara Scandroglio
9:15 – 9:30	Con, ECPR needs more evidence	Sascha Ott
9:30 – 9:40	Rebuttal á 5 mins	Mara Scandroglio, Sascha Ott
9:40 – 9:50	What is the true	Ingrid Magnet
9:50 – 10:00	Discussion	All
10:00 - 10:30	Coffee break	
10:30 – 12:00	ECPR research scrutinized	<i>Laurie J. Morrison, Marcel van de Poll, TBD</i>
10:30 – 10:45	ELSO registry studies for ECPR exploration	Roberto Lorusso
10:45 – 11:10	Biomarkers in ECPR	Tomas Drabek
11:00 – 11:15	Bilirubin as an outcome predictor in ECPR	Jan Pudil
11:15 – 11:30	Bayesian metaanalysis of ECPR randomized trials	Sam Heuts
11:30 – 11:45	Meta-analyses of recent RCTS on ECPR - what do they tell?	Marcel Van de Poll
11:45 – 12:00	Discussion	All
12:00 - 13:00	Getinge Lunch Symposium	
13:30 - 14:40	ECPR protocols	<i>Christoph Vandenbriele, Tomas Drabek, Jan Pudil</i>
13:30 – 13:45	A standardized anticoagulation protocol during the post-cannulation period is necessary in ECPR	Christoph Vandenbriele
13:45 – 14:00	Imaging in ECPR	Stephan Katzenschlager



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14:00 – 14:15	Post ECPR protocol	Mark Dennis
14:15 – 14:30	Neuroprognostication and neuro recovery in ECPR patients	Jason Bartos
14:30 – 14:40	Discussion	All
14:40 - 15:40	Ethics in ECPR	<i>Mara Scandroglio, Tharusan Thevathasan, Ingrid Magnet</i>
14:40 – 14:55	Ethics in ECPR research	Martje Suverein
14:55 – 15:10	Can ECPR be offered to all? Vienna experience.	Michael Poppe
15:10 – 15:25	Cost-benefit of ECPR	Annemieke Oude-Lansink
15:25 – 15:40	Discussion	All
15:40 - 16:15	Coffee break	
16:15 - 17:45	MCS challenges in cardiogenic shock and cardiac arrest	<i>TBD, Jan Bělohávek, TBD</i>
16:15 – 16:35	Impella is indicated for cardiogenic shock. Howgh!	Tharusan Thevathasan
16:35 – 16:55	VA ECMO in shock, if used, should be unloaded	Eike Tigges
16:55 – 17:15	Physiology of ECPELLA and its role in ECPR	Andrea Montisci
17:15 – 17:35	Protected CABG - a rationale for a new concept	Roberto Lorusso
17:35 – 17:45	Discussion	All
18:00	Closing remarks	<i>Jan Belohlavek</i>



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Small Hall

8:00 - 8:30 **Breakfast Symposium**

8:30 - 10:00 **Pediatric session 1**

10:00 - 10:30 Discussion

10:00 - 10:30 **Coffee break**

10:30 - 12:00 **Pediatric session - II**

11:45 – 12:00 Discussion

12:00 – 13:00 **LUNCH + INDUSTRY SYMPOSIA**

13:30 – 14:40 **Organization of ECPR programmes**

Lionel Lamhaut, Tamas Alexy, Michael Poppe

13:30 – 13:45 Going beyond the startup, expanding an e-CPR program

Kevin Rixmann

13:45 – 14:00 Mobile ECMO unit

Charlex Bruen

14:00 – 14:15 Prehospital ECPR - where we moved so far?

Alice Hutin

14:15 – 14:30 How to assure a favorable long-term outcome

Tamas Alexy

14:30 – 14:40 discussion

All

14:40 – 15:40 **Importance of Delphi protocols in ECPR**

14:40 – 14:55 What is Delphi and how it can help in ECPR

Mark Dennis

14:55 – 15:10 Expert consensus on training and accreditation for ECPR

Natalie Kruit

15:10 – 15:25 Delphi protocol for postresuscitation period in ECPR

Alex Supady

15:25 – 15:40 Discussion

All

15:40 - 16:15 **Coffee break**

16:15 – 17:45 **CPR/ECPR in special circumstances**

16:15 – 16:35 CPR in pregnancy - 2 humans to save

Houda Alfourdri



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16:35 – 16:55 Hypothermic ECPR

TBD

16:55 – 17:15 ECPR in pulmonary embolism

Jan Pudil

17:15 – 17:35 ECPR in intoxications

Justyna Swol

17:35 – 17:45 Discussion

All