



## Wednesday October 18      Precongress workshops

### Training room 1

11:00 - 12:30    **Zurich ECMO Training Village - edition 1**      *Martin O. Schmiady, Tobias Aigner, Christopher Kupka*

Ultrasound guided vascular access and wire skills

Peripher Cannulation

Large bore hole closure/ use of different closure devices

Trouble shooting on ECMO

12:30 – 13:30    **Mini lunch break**

13:30 - 15:00    **Zurich ECMO Training Village - edition 2**      *Martin O. Schmiady, Tobias Aigner, Christopher Kupka*

Ultrasound guided vascular access and wire skills

Peripher Cannulation

Large bore hole closure/ use of different closure devices

Trouble shooting on ECMO

15:00 – 15:30    **Coffee Break**

15:30 - 17:00    **Barcelona SIM Center Simulation - edition 1**      *Jordi Riera, Maria Martinez, TBD*

17:00 – 17:30    **Coffee Break**

17:30 - 19:00    **Barcelona SIM Center Simulation - edition 2**      *Jordi Riera, Maria Martinez, TBD*

### Training room 2

11:00 - 12:30    **Pediatric ECMO Training Village - edition 1**      *Mirjana Cvetkovic*

12:30 - 13:30    **Mini lunch break**

13:30 - 15:00    **Pediatric ECMO Training Village - 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 Puszelecki*



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

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

17:30 - 19:00 **Poznan SIM Center Simulation - edition 2** *Justyna Swol, Marek Dabrowsky, Mateusz Puszelecki*

### Training room 3

11:00 - 12:30 **ECPR for beginners** *Jacob Hollenberg, Florian Ettl*

11:00 – 11:15 What is ECPR - the basics Michael Poppe

11:15 – 11:30 How we started to perform ECPR Jacob Hollenberg

11:30 – 11:45 What an ICU physicians needs to know about ECPR Jan Pudil

11:45 – 12:00 What a cathlab physician needs to know about ECPR Daniel Rob

12:00 – 12:30 Discussion All

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

13:30 - 15:00 **Methodology in ECMO, ECPR and cardiac arrest** *Jan Belohlavek, Christiaan Meuwese, Daniel Rob*

13:30 – 13:50 Methodology of ECMO studies Christiaan Meuwese

13:50 – 14:10 How we did the Prague OHCA study - the methodological challenges Jan Belohlavek

14:10 – 14:30 Methodology of the planned OSIRIS trial Jan Belohlavek, Daniel Rob

14:30 – 14:40 OSIRIS methodology controversies Jacob Hollenberg

14:40 – 14:50 Methodology in cardiac arrest in Vienna is a long time established paradigm Ingrid Anna Maria Magnet

14:50 – 15:00 Discussion All

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

15:30 - 17:00 **A workshop on neurological outcome assessment in cardiac arrest** *Gisela Lilja, Daniel Rob*

15:30 – 15:50 How is the routine follow-up after ECPR organized in Prague GUH Daniel Rob, Petra Kavalkova



# ECP R

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

15:50 – 16:00	How we assessed the patients in TTM trials	Michal Siranec
16:00 – 16:30	Overview of available assessments and which one to choose	Gisela Lilja
16:30 – 17:00	Discussion	All
17:00 - 17:30	<b>Coffee break</b>	
17:30 - 19:00	<b>ECPR case reports championship</b>	<i>Ingrid Anna Maria Magnet, Martin Schmiady</i>
17:30 – 17:40	Ljubljana	Tomaz Goslar
17:40 – 17:50	Prague	Sona Mecirova
17:50 – 18:00	Town 3	TBD
18:00 – 18:10	Town 4	TBD
18:10 – 18:20	Town 5	TBD
18:20 – 18:30	Town 6	TBD
18:30 – 18:40	Town 7	TBD
18:40 – 19:00	Public discussion, evaluation, voting, award	Chairs + Jan Belohlavek

### **Training room 4**

11:00 - 12:30	<b>Prague SIM center simulation - edition 1</b>	<i>Mikulas Mlcek, Anna Valerianova, Frantisek Mlejnsky</i>
12:30 - 13:30	<b>Mini lunch break</b>	
13:30 - 15:00	<b>Prague SIM center simulation - edition 2</b>	<i>Mikulas Mlcek, Anna Valerianova, Frantisek Mlejnsky</i>
15:00 - 15:30	<b>Coffee break</b>	

ECMO Sim- Interactive virtual VA-ECMO

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



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

## Thursday October 19    **MAIN CONGRESS**

### Day 1

#### Main Hall

11:00 - 11:05	<b>Welcome notes</b>	<i>Jan Belohlavek</i>
11:05 - 12:30	<b>ECPR in OHCA - current state of the art</b>	<i>Jan Belohlavek, Demetris Yannopoulos, Marcel C.G. van de Poll</i>
11:05 – 11:25	Growing evidence	Jan Belohlavek, Demetris Yannopoulos
11:25 – 11:45	ECPR metaanalyses	Fabio Silvio Taccone
11:45 – 12:05	What have we learned from our trial	Marcel C.G. van de Poll
12:05 – 12:20	Why is another (last?) trial needed....	Jan Belohlavek
12:20 – 12:30	Round table discussion	All
12:30 - 13:30	<b>Mini lunch break</b>	
13:30 - 15:00	<b>In hospital ECPR readiness</b>	<i>Brian Grunau, Jan Belohlavek</i>
13:30 – 13:50	ECPR eligibility as evidenced so far....	Brian Grunau
13:50 – 14:10	Our in-hospital (E)CPR protocol and use of ED	Zack Shinar
14:10 – 14:30	We prefer cathlab...	Marko Noc
14:30 – 14:50	But we move hospital out...	Alice Hutin
14:50 – 15:00	Round table discussion	All
15:00 - 16:30	<b>Pro-con debate Unloading in ECPR</b>	<i>Benedikt Schrage, Roberto Lorusso</i>
15:00 – 15:20	Difference in unloading cardiogenic shock and ECPR	Benedikt Schrage
15:20 – 15:40	Unloading techniques available	Roberto Lorusso
15:40 – 15:55	Unloading needed for ECPR: PRO	Dirk Westermann
15:55 – 16:10	Unloading needed for ECPR: CON	Demetris Yannopoulos
16:10 – 16:30	Round table discussion	All



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

16:30 - 17:00 **Coffee break**

17:00 - 18:30 **Outcome in ECPR**

*Annemieke Oude Lansink-Hartgring,*

*Daniel Rob*

17:00 – 17:20 Long term outcome in Prague OHCA RCT

Daniel Rob

17:20 – 17:40 Long term follow-up in Minneapolis

Tamas Alexi

17:40 – 18:00 Quality of life

Annemieke Oude Lansink-Hartgring

18:00 – 18:30 Discussion

All

18:30 - 19:30 **Organ donation in ECPR**

*Alice Hutin, Marcel C.G. van de Poll*

18:30 – 18:45 Brain death determination after ECPR

Fabio Silvio Taccone

18:45 – 19:00 Organ donation within the Prague OHCA RCT

Jana Smalcova

19:00 – 19:15 Organ retrieval after ECPR - current status

Lionel Lamhaut

19:15 – 19:30 Round table discussion

All

19:30 **Welcome reception**



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

## Friday October 20

## MAIN CONGRESS

### Day 2

#### Main Hall

8:00 - 9:00 **Breakfast workshop**

9:00 -10:00 **Borders between cardiogenic shock and cardiac arrest** *Jan Belohlavek, Petr Ostadal*

9:00 – 9:15 Cardiogenic shock definition revisited Sern Lim

9:15 – 9:30 Cardiac arrest patients should be included  
in cardiogenic shock studies Henrik Schmidt

9:30 – 9:45 Cardiac arrest patients should be excluded  
from cardiogenic shock studies Petr Ostadal

9:45 – 10:00 Round table discussion All

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

10:30 – 12:00 **Imaging in ECPR** *Dirk Donker, Martin Balik*

10:30 – 10:50 Prehospital resuscitative TEE during OHCA Stephan Katzenschlager

10:50 – 11:10 Challenges in computed tomography on ECMO Florian Ettl

11:10 – 11:30 FAST protocol in ECPR/emergency ECMO Martin Balik

11:30 – 11:50 TTE is the best hemodynamic monitor in ECPR Dirk Donker

11:50 – 12:00 Round table discussion All

12:00 - 13:30 **Lunch + Industry symposia**

13:30 - 14:40 **Pre ECPR management I** *Georg Trummer, Lionel Lamhaut*

13:30 – 13:50 Place for temperature control Kevin Roedl

13:50 – 14:10 ETCO2 as a prognostic marker Markus Skrifvars



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

14:10 – 14:30	Ventilation pre- and during ECPR	Ingrid Anna Maria Magnet
14:30 – 14:40	Round table discussion	All
14:40 - 15:40	<b>Pre ECPR management II</b>	<i>Thomas Mueller, Jan Belohlavek</i>
14:40 – 14:55	Early alert to cardiac center	Jan Vitek
14:55 – 15:10	Different logistic and different distances	Dinis Reis Miranda
15:10 – 15:25	Prague ECPR initiative	Jan Belohlavek
15:25 – 15:40	Round table discussion	All
15:40 - 16:15	<b>Coffee break</b>	
16:15 - 17:45	<b>Post ECPR management</b>	<i>Christophe Vandenbriele, Henrik Schmidt</i>
16:15 – 16:35	First four hours after cannulation	Zack Shinar
16:35 – 16:55	(Anti)coagulation	Christophe Vandenbriele
16:55 – 17:15	May Box trial results apply also for refractory OHCA/ECPR?	Henrik Schmidt
17:15 – 17:35	Focus on improved patient management	Katerina Rusinova
17:35 – 17:45	Round table discussion	All
18:00	<b>Closing remarks</b>	<i>Jan Belohlavek, Demetris Yannopoulos, Marcel C.G. van de Poll</i>

### Small Hall

8:00 - 8:30	<b>Breakfast workshop</b>	
8:30 - 10:00	<b>Pediatric ECPR</b>	
8:30 – 8:45	Pre ECPR management	TBD
8:45 – 9:00	ECPR in children is different to adults?	TBD
9:00 – 9:15	Epinephrine dosing strategies	TBD
9:15 – 9:30	Post ECPR management	TBD



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

9:30 – 9:45	Pediatric ECPR research	TBD
9:45 – 10:00	Round table discussion	All
10:00 - 10:30	<b>Coffee break</b>	
10:30 - 12:00	<b>ECPR in kids in a wide perspective</b>	
10:30 – 10:50	Refractory cardiac arrest in kids - etiologies and Circumstances	TBD
10:50 – 11:10	EuroELSO Pediatric circumstances ECPR initiative	TBD
11:10 – 11:30	Neurooutcome in pediatric ECPR	TBD
11:30 – 11:50	Palliative care in pediatric critical care	TBD
11:50 – 12:00	Round table discussion	All
12:00 – 13:30	<b>Lunch + Industry symposia</b>	
13:30 – 14:40	<b>Simulation in ECPR</b>	<i>Dirk Donker, Mikulas Mlcek</i>
13:30 – 13:50	Why is computer simulation best?	Dirk Donker
13:50 – 14:10	Animal simulation	Mikulas Mlcek
14:10 – 14:30	ECMO twin concept	Michael Neidlin
14:30 – 14:40	Round table discussion	All
14:40 – 15:40	<b>New technologies in ECPR</b>	<i>Thomas Mueller, Roberto Lorusso</i>
14:40 – 14:55	Resuscitec - Carl system - The next level of ECPR ?	Georg Trummer
14:55 – 15:10	Eurosets - Colibri system - small and nice	Mirko Belliato
15:10 – 15:25	Abiomed - Escalation to mid/long term device	Roberto Lorusso
15:25 – 15:40	Getinge - why change what works well	Thomas Mueller
15:40 - 16:15	<b>Coffee break</b>	





# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

16:15 – 17:45	<b>Neuroprognostication and neuro-outcome</b>	<i>Gisela Lilja, Markus Skrifvars</i>
16:15 – 16:35	CT of the brain to predict outcome in ECPR	Lukas Lambert
16:35 – 16:55	Biomarkers of the brain injury in ECPR	Jana Smalcova
16:55 – 17:15	EEG in ECPR - how to perform	Tomas Boucek
17:15 – 17:35	What the neurological outcome in cardiac arrest means	Gisela Lilja
17:35 – 17:45	Round table discussion	All

### Debate room

#### 8:00 - 8:30 **Breakfast workshop**

8:30 – 10:00	<b>ECPR implementation</b>	<i>Dinis Reis Miranda, Alex Supady</i>
8:30 – 8:50	Delphi consensus in ECPR training	Mark Dennis
8:50 – 9:10	Delphi consensus in ECPR	Alex Supady
9:10 – 9:30	Integration of CPR ALS with ECPR	Georg Trummer
9:30 – 9:50	Cannulation/admission team readiness	Daniel Rob
9:50 – 10:00	Round table discussion	All

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

10:30 - 12:00	<b>Technology and Innovation related to ECPR</b>	<i>Michael Neidlin, Zdenka Fingrova</i>
	TBD	TBD
	TBD	TBD
	Remote monitoring in patients after cardiac arrest	Zdenka Fingrova

#### 12:00 - 13:30 **Lunch + Industry symposia**



# ECPR

## PRAGUE SCHOOL

OCTOBER 19-20, 2023 • Czech Republic

### 13:30 - 14:40 **Cost-effectiveness of ECPR**

- 13:30 – 13:50 Cost effectivity in Holland
- 13:50 – 14:10 Cost effectivity in Australia
- 14:10 – 14:30 The Minnesota system considered to be lifesaving
- 14:30 – 14:40 Round table discussion

*Fabio Silvio Taccone, Mark Dennis*

Annemieke Oude Lansink-Hartgring

Mark Dennis

Charles Bruen

All

### 14:40 - 15:40 **Nursing issues in ECPR**

- 14:40 – 15:00 Team preparation and readiness for the ECPR
- 15:00 – 15:20 ICU challenges and management
- 15:20 – 15:40 How I train my nurses
- 15:40 – 16:00 Round table discussion

*Annie Sheehan, Justyna Swol*

Martina Rezlerova

Annie Sheehan

Justyna Swol

All

### 15:40 – 16:15 **Coffee Break**

### 16:15 – 17:45 **ECPR in special circumstances**

- 16:15 – 16:35 ECPR in diabetic ketoacidosis
- 16:35 – 16:55 Pulmonary embolism related r OHCA and ECPR
- 16:55 – 17:15 ECPR in cardiac surgery
- 17:15 – 17:35 ECPR for a pregnant woman
- 17:35 – 17:45 Round table discussion

**Marc Maybauer, Zack Shinar**

Marc Maybauer

Jan Pudil

Georg Trummer

Alice Hutin

All