

Wednesday 26 March

11.30-12.40 Lunch

12.40-12.45 Wellcome and Housekeeping

12.45-13.00 Introduction, aims and intentions

13.00-17.00 Neonatal and pediatric ECLS

Moderator(s): Jonas Berner (Swe), Ann Tjärn (Swe), Aparna Hoskote (UK)

1300-1315	Experiences from the Crescent RA DLC	Matteo Di Nardo, Bambino Gesù, Rome (It)
1315-1330	Dual-site cannulation for VV in neonates	John Lillie, Evelina, London (UK)
1330-1345	Nursing: Bedside tips and tricks during VV DLC	Anna Lindberg, Karolinska, Stockholm (Swe)
1345-1400	Experiences from the Avalon ELITE	Jérôme Rambaud, Sorbonne, Paris (Fra)
1400-1415	Hemolysis and complications during neonatal DLC VV ECMO	Jérôme Rambaud, Sorbonne, Paris (Fra)

1415-1430 Leg stretch, Industry exhibition and networking

Moderator(s): Matteo Di Nardo (It); Jérôme Rambaud (Fra)

1430-1445	ECLS in pediatric trauma	Shahzad Akram, Karolinska, Stockholm (Swe)
1445-1505	Up-date in pediatric ECPR	Aparna Hoskote, GOSH, London (UK)

1505-1545 Coffee brake, Industry exhibition and networking

Moderator(s): John Lillie (UK); Carmen Mesas Burgos (Swe); Anna Lindberg (Swe)

1545-1600	General nursing aspects in the neonate vs. the pediatric ECMO patient	Ann Tjärn, Karolinska, Stockholm (Swe)
1600-1615	Neuromonitoring during, and outcome in children after ECLS	Matteo Di Nardo, Bambino Gesù, Rome (It)
1615-1630	CDH: Timing of primary surgery, different populations and outcome?	Carmen Mesas Burgos, Karolinska, Stockholm (Swe)
1630-1700	Ethics on CDH - why not one protocol for time of surgery?	Aparna Hoskote, GOSH, London (UK)

19.30- Dinner

Thursday 27 March

08.10-10.30 ECLS in Trauma, War zone, and Resource limitation

Moderator(s): Lars Falk (Swe), Andriy Batchinsky (USA), Shahzad Akram (Swe)

0810-0830	Up-date on ECLS in trauma	Andriy Batchinsky, San Antonio, TX (USA)
0830-0850	Application of ECLS in war zone	Col. (Dr.) Valerie Sams, Cincinatti, OH (USA)
0850-0910	The Kiev ECLS-experience from pediatric perspective	Andrey Vysotskyi, Kiev (Ukr)

0910-0930 Leg stretch, Industry exhibition and networking

0930-0950	How to maintain and adapt innovations in ECLS and transplant programs in times of war	Borys Todurov, CHI, Kiev (Ukr); Serhii Sudakevych, CHI, Kiev (Ukr)
0950-1010	ECLS Applications in Military Medicine: Transport Experience	Valerie Sams, Cincinatti, OH (USA)
1010-1030	General discussion	Floor, speakers, and moderators

1030-1100 Coffee brake, Industry exhibition and networking

11.00-12.00 New approaches and Technology influence on clinical practice - I

Moderator(s): Jutta Arens (NDL); L Mikael Broman (Swe)

1100-1120	Stem cells in ARDS and ECLS	Andriy Batchinsky, San Antonio, TX (USA)
1120-1140	Pump design for low absolute flow: appl. neonatal ECMO	Jutta Arens, Twente (NL)
1140-1200	Design fetures to consider when selecting centrifugal pump	Lisa Prah Wittberg, KTH, Stockholm (SWE)

12.00-13.00 Lunch

13.00-14.45		New approaches and Technology influence on clinical practice - II	
		Moderator(s): Marcus Brynolf (Swe); Lisa Prah Wittberg (Swe)	
	1300-1320	Clot formation in the circuitry: heterogenous problem?	Marcus Brynolf, Karolinska, Stockholm (Swe)
	1320-1340	How about our future membrane lungs?	Jutta Arens, Twente (NL)
	1340-1400	Trade-offs in different veno-venous ECMO configurations	Lars Mikael Broman, Karolinska, Stockholm (Swe)
1400-1415	<i>Leg stretch, Industry exhibition and networking</i>		
	1415-1435	Antibiotics and interaction with ECLS circuitry	Jonas Berner, Karolinska, Stockholm (Swe)
	1435-1455	Meeting the experts	Floor, speakers, and moderators
1455-1515	<i>Coffee brake, Industry exhibition and networking</i>		
15.15-17.00		Cardiac ECLS - I	
		Moderator(s): Michael Brewer (USA); LM Broman (Swe), Anna Lindberg (Swe)	
	1515-1530	Indications for veno-pulmonary ECMO	Roberto Lorusso, Maastricht (the Netherlands)
	1530-1545	Veno-pulmonary ECMO in clinical practice: cannulation and management	Michael Brewer, Oklahoma City (USA)
	1545-1600	Hybrid and multi-cannula configuration: evidence or just physiologically appealing?	Roberto Lorusso, Maastricht, (the Netherlands)
1600-1615	<i>Leg stretch, Industry exhibition and networking</i>		
	1615-1635	ECMO Specialist nurse's role in ECPR care??	Mia Persson, Karolinska, Stockholm (Swe)
	1635-1655	Neuromonitoring during, and out-come after ECPR	Mirko Belliato, Pavia (It)
	1655-1700	Wrapping up the day	Moderators
19.30-	Dinner		

Friday 28 March

08.30-12.00		Cardiac ECLS - II	
		Moderator(s): Roberto Lorusso (NL); Lars Falk (Swe)	
	0830-0845	Front line of ECPR - importance of indications and contraindications	Per Nordberg, Karolinska, Stockholm (Swe)
	0845-0900	<i>The Disease of Time</i> - the On Scene Trial	Dinis Dos Reis Miranda, Rotterdam (NL)
	0900-0915	ECPR: Importance of perfusion fluid, hypothermia, and oxygen tension?	Mirko Belliato, Pavia (It)
	0915-0925	Summary and comments from floor	Moderators, speakers and floor
0925-0940	<i>Leg stretch, Industry exhibition and networking</i>		
		Moderator(s): Per Nordberg (Swe); Mirko Belliato (It); Mia Persson (Swe)	
	0940-1000	The CARL. concept today	Dinis Dos Reis Miranda, Rotterdam (NL)
	1000-1020	How to prepare a new inter-hospital ECPR team	Karin Frisell, Karolinska, Stockholm, (Swe)
	1020-1040	How do I prepare for external ECPR retrievals as ECMO Specialist nurse?	Jerker Westlund, Karolinska, Stockholm (Swe)
1040-1100	<i>Coffee brake and Industry exhibition and networking</i>		
		Moderator(s): Jonas Berner (Swe); Dinis Dos Reis Miranda (NL); Ann Tjärn (Swe)	
	1100-1120	Ventricular unloading in post-cardiotomy ECMO	Michael Brewer, Oklahoma City (USA)
	1120-1140	Nursing in settings with ECMELLA, IABP, vents, etc.	Mathias Lins, Karolinska, Stockholm (Swe)
	1140-1200	Together towards tomorrow	Lars Falk, Karolinska, Stockholm (Swe)
12.05-	Closing remarks	(Evaluation forms)	Faculty

12.30- Lunch