

NEONATAL AND PEDIATRIC ECMO COURSE EUROELSO 2018, PRAGUE

Date: **Wednesday 23rd May 2018**



BASIC Neonatal and Pediatric ECMO Course (Day 1)

COURSE DIRECTORS:

Dr. Vaclav Vobruba [Czech Republic];
Dr. Tim Thiruchelvam [UK];
Dr. Francesca Stoppa, [Italy];
Dr. Mark Ogino, [USA]

08:00- 8:30	Registration and Introduction	
VA ECMO		
08:30-08:50	Physiology and Gas exchange during VA ECMO [Dr. Mark Ogino, USA]	
08:50-09:05	Indications for VA ECMO [Dr. Pavla Pokorna, Czech]	
09:05-09:20	Cannulation for VA ECMO [neck vs. chest] [Dr. Chris Harvey, UK]	
09:20-09:45	Management and Monitoring of VA ECMO [Dr. Tim Thiruchelvam, UK]	
09:45-10:00	Complications on VA ECMO [Dr. Jan Hridel, Czech]	
10:00-10:15	Weaning of VA ECMO [Dr. Jan Hridel, Czech]	
10:15-10:30	Coffee Break	
VA ECMO Hands ON		
10:30-10:50	Starting VA ECMO [Cannula size, pump flow and monitoring] SIM Team	SIM Team
10:50-11:10	Understanding VA ECMO [Gas analysis and Vent setting] SIM Team	SIM Team
11:10-11:30	Problems in VA ECMO [Venting, Harlequin Syndrome] SIM Team	SIM Team
11:30-11:50	Weaning of VA ECMO SIM Team	SIM Team
11:50-12:00	Questions SIM Team	
12:00-13:00	Lunch Break	
VV ECMO		
13:00-13:10	Anticoagulation [Dr. Andrea Moscatelli, Italy]	
13:10-13:20	Physiology of Gas Exchange in VV ECMO [Dr. Mark Ogino, USA]	
13:20-13:30	Indication for VV ECMO [Dr. Andrea Moscatelli, Italy]	
13:30-13:45	Cannulation for Respiratory Failure [VV ECMO] [Dr. Chris Harvey UK]	
13:45-14:10	Management and Monitoring of VV ECMO [Dr. Andrea Moscatelli, Italy]	
14:10-14:25	Complications on VV ECMO [Dr. Francesca Stoppa, Italy]	
14:25-14:40	Weaning from VV ECMO [Dr. Francesca Stoppa, Italy]	
14:40-14:50	Questions	
14:50-15:05	Coffee Break	
VV ECMO HANDS ON		
15:05-15:25	VV ECMO start [How to choose the cannula & connection]	SIM Team
15:25-15:45	VV ECMO [Setting pump flow and poor drainage]	SIM Team
15:45-16:05	VV ECMO [Blood gas analysis: low PaO ₂ - how to manage]	SIM Team
16:05-16:25	VV ECMO [Weaning]	SIM Team
16:25-17:35	Questions	

NEONATAL AND PEDIATRIC ECMO COURSE EUROELSO 2018, PRAGUE

Date: Thursday 24th May 2018



Neonatal and Pediatric ECMO Course (Day 2)

07:30 - 07:40	Coffee	
07:40 - 07:50	Human Factor [Dr. Mark Ogino]	
07:50 - 08:00	Familiarization with the Simulation Area [Dr. Francesca Stoppa/Dr. Mark Ogino]	
08:00 - 08:15	Scenario 1 VV ECMO	SIM Team
08:15 - 09:00	Debrief scenario 1	
09:00 - 09:15	Scenario 2 VV ECMO	SIM Team
09:15 - 10:00	Debrief scenario 2	
10:00 - 10:15	Coffee Break	
10:15 - 10:30	Scenario 3 VV ECMO	SIM Team
10:30 - 11:15	Debrief scenario 3 [Can't oxygenate]	
11:15 - 11:30	Scenario 4 VA ECMO SIM Team [Ms. Maura O'Callaghan, Dr. Tim Thiruchelvam]	
11:30 - 12:15	Debrief scenario 4	
12:15 - 12:30	Scenario 5 VA ECMO SIM Team [Ms. Maura O'Callaghan, Dr. Tim Thiruchelvam]	
12:30 - 13:15	Debrief scenario 5	
13:15 - 13:25	Conclusions, end of course, evaluations	
13:30 - 14:00	Lunch Break	
14:00	Onwards Main Conference	

ECMO-EX Course [22nd of May] | **Neo-Ped Course** [23rd-24th of May] | **Vetram Course** [23rd of May]

WAY TO PHYSIOLOGY INSTITUTE:

follow the red line by
walk (≤15 mins)

or by taxi (≤5 mins)

or by organized
transport

