



UPMC Children's Hospital of Pittsburgh

11th Annual Neonatal and Pediatric ECLS Educational Conference

October 14-16, 2020

A **Live Virtual Conference** presented from
John G. Rangos Sr. Conference Center
UPMC Children's Hospital of Pittsburgh
4401 Penn Ave.
Pittsburgh, PA 15224

Program Overview:

The UPMC Children's Hospital of Pittsburgh 11th Annual Neonatal and Pediatric ECLS Educational Conference is a 2.5-day course designed to provide a didactic and "hands-on" based education in an interactive multidisciplinary format for health care providers who care for patients receiving extracorporeal support.

Educational Objective:

After participating in this educational activity, participants should be able to:

- Recognize the benefit of a multi-disciplinary approach to managing ECMO patients
- Discuss neurodevelopmental outcomes and follow-up care for pediatric ECMO patients
- Understand the varying cannulation strategies for VA versus VV ECMO
- Recognize and manage ECMO emergencies
- Discuss indications for ECPR
- Understand different strategies for patient management on ECMO
- Discuss anticoagulation management for pediatric ECMO patients

Target Audience:

- ECMO specialists
- Neonatologists
- Pediatric and adult critical care physicians
- Pediatric and adult surgeons
- Perfusionists
- Advanced practice nurses
- Registered nurses and respiratory therapists

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by emailing ccehs_support@upmc.edu.

This activity is approved for the following credit: AMA PRA Category 1 Credit™, and ANCC.

Other health care professionals are awarded XX continuing education units (CEU's) which are equal to XXX Contact hours.

Perfusionists: This course has been approved by the American Board of Cardiovascular Perfusion for XXX Category I CEUs.

All cancellations must be sent via email to Melissa Grayson, CCP at graysonm@upmc.edu. Cancellations received before August 15, 2020 will be refunded in full. After August 15, 2020, a \$50 fee will be assessed and no refunds will be made after September 15, 2020.

Course Medical Director

Melita Viegas, MD
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We gratefully acknowledge support from the following for this activity:

Exhibitors:

Medtronic/Covidien

Course Agenda

Wednesday October 14, 2020

0800 - 0900	Breakfast and Registration	
0900 - 0915	Welcome	Melita Viegas, MD
0915 - 0930	ECMO at CHP	Melissa Grayson, CCP
0930 - 0950	A Day in the Life of an ECMO Specialist	Marit Aspenleiter, CCP
0950 - 1000	Break	
1000 - 1100	Simulation: Cervical Cannulation Demonstration	Melita Viegas, MD
1100 - 1130	Neonatal ECMO Management	Burhan Mahmood, MD
1130 - 1200	Case Presentation: NICU	Burhan Mahmood, MD
1200 - 1300	Simulation: NICU ECMO	Burhan Mahmood, MD
1300 - 1330	Surgical Procedures on ECMO	Kelly Austin, MD
1330 - 1400	ECMO in Adult Congenital Heart Disease	Arvind Hoskoppal, MD
1400 - 1430	ECMO for Lung Transplantation	Pablo Sanchez, MD
1430 - 1500	Break	
1500 - 1530	ECMO Management Pearls for the Physician	Moderator: Mario Castro Medina, MD
1530 - 1600	ECMO Management Pearls for the Nurse	Moderator: Holly Fogle, RN
1600	Adjourn	

Thursday, October 15, 2020

1100	Welcome	
1100 – 1130	Building an ECMO Simulation Program	David Palmer, Ed.D, CCP
1130 – 1200	Simulation: ECPR: Word on the Street	David Palmer, Ed.D, CCP
1200 - 1230	Anticoagulation on ECMO	Ravi Thiagarajan, MD
1230 – 1300	Lunch and Learn: Survivor Stories	Scott Maurer, MD
1300 – 1330	ECMO Follow Up	Erika Fink, MD
1330 – 1400	Ethics	Scott Maurer, MD
1400 – 1430	Break	
1430 – 1500	Simulation: Avalon Cannulation	Mario Castro, MD
1500 – 1530	Pediatric ECMO Management	Nahmah Kim-Campbell, MD
1530 – 1600	Case Presentation: PICU	Kate Kernan, MD
1600 – 1700	Simulation: PICU ECMO	Moderator: Melinda Hamilton, MD
1700	Adjourn	

Friday, October 16, 2020

0800	Welcome	
0800 – 0830	ECMO Billing and Finance	Holly Schrag
0830 - 0900	ECMO as a Bridge to VAD/Transplant	Matt Zinn, MD
0900 - 0930	Simulation: Open Chest Cannulation	Melita Viegas, MD
0930 – 1000	Pediatric Cardiac ECMO Management	Justin Yeh, MD
1000 - 1100	Case Presentation: CICU	Tara Malkiewicz, RN, BSN
1100 - 1130	Break	
1130 – 1200	Simulation: CICU ECMO	Matt Bochkoris, MD
1200 - 1230	ECMO post Norwood: The CHP Experience	Carlos Diaz Castrillon
1230 – 1300	The Future of ECMO	Melita Viegas, MD
1300	Adjourn	