

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 continuing education units (CEU's)

Perfusionists: This course is pending approval by the American Board of Cardiovascular Perfusion for 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
 Director, Mechanical Circulatory Support
 Assistant Professor of Cardiothoracic Surgery,
 University of Pittsburgh School of Medicine
 UPMC Children's Hospital of Pittsburgh
 Pittsburgh, PA

Course Planning Committee Chairs

David Palmer, Ed.D, CCP
 Director, Perfusion Services, ECMO, Cath Lab
 UPMC Children's Hospital of Pittsburgh
 Pittsburgh, PA

Melissa Grayson, BS, CCP, LP
 ECMO Coordinator
 UPMC Children's Hospital of Pittsburgh
 Pittsburgh, PA

Course Faculty

Marit Aspenleiter, BS, CCP
Perfusionist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Kelly Austin, MD, MS, FACS, FAAP
Associate Professor, University of Pittsburgh School of
Medicine
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Surgical Director, Neonatal Intensive Care Unit
Program Director, Surgical Critical Care, Residency Program
Director, Colorectal Center for Children and Division of
Pediatric General and Thoracic Surgery

Andrew Brantner, RRT
ECMO Specialist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Matt Bochkoris, MD
Assistant Professor of Critical Care Medicine and Pediatrics
University of Pittsburgh School of Medicine
Director, Pediatric Cardiac Critical Care Medicine Fellowship
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Mario Castro-Medina, MD
Assistant Professor, Cardiothoracic Surgery
University of Pittsburgh School of Medicine
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Erika Fink, MD
Associate Professor, Division of Pediatric Critical Care
Medicine
University of Pittsburgh School of Medicine
Associate Director, Safar Center for Resuscitation Research
PI, POCCA study, PICU COS and Director, CIRCLE
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Holly Fogle, RN, BSN, CCRN
ECMO Specialist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Melinda Hamilton, MD
Associate Professor of Critical Care Medicine and Pediatrics
Director, Pediatric Critical Care Medicine Fellowship Program
Director, Pediatric Simulation, Children's Hospital of Pittsburgh
Simulation Center and

Peter M. Winter Institute for Simulation, Education, and
Research (WISER)
Co-Chair, Professional Development Subcommittee, UPMC
Graduate Medical Education Committee
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Nahmah Kim-Campbell, MD
Assistant Professor of Critical Care Medicine and Pediatrics
University of Pittsburgh School of Medicine
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Don Koch, CCP
Lead Perfusionist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Bradley A. Kuch, BS, RRT-NPS, FAARC
Director, Critical Care Transport Team
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Sean Lavelle, CCP
Lead Perfusionist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Margaret Lewen, MD
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Don Maloney, CCP
Lead Perfusionist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Burhan Mahmood, MD
Medical Director, Neonatal ECMO Program, Division of
Newborn Medicine, UPMC Children's Hospital of Pittsburgh
Associate Professor of Pediatrics, Division of Neonatal-
Perinatal Medicine, Magee Womens Hospital and UPMC
Children's Hospital of Pittsburgh, University of Pittsburgh
School of Medicine
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Tara Malkiewicz, RN, BSN, CCRN
Programmatic Nurse Specialist, CICU
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Scott Maurer, MD
Chief, Division of Palliative Medicine and Supportive Care
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Dan Ross, CCP
Lead Perfusionist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

James Sabia, RN, MSN, CCRN
ECMO Specialist
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Pablo G. Sanchez, MD, PhD, FACS
Visiting Associate Professor of Cardiothoracic Surgery
Vice Chairman, Benign Lung Diseases
Chief, Division of Lung Transplant and Lung Failure
Surgical Director, Lung Transplantation and ECMO
Director, Lung Transplant Research
Director, Ex Vivo Lung Perfusion (EVLV) Program

Stefan Scholz, MD, PhD, FACS, FAAP
Assistant Professor of Surgery
University of Pittsburgh School of Medicine
Director, Minimally Invasive Surgery
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Holly Schrag
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Ravi Thiagarajan, MD, MPH
Chief, Division of Cardiac Critical Care
Professor of Pediatrics, Harvard Medical School
Boston Children's Hospital
Boston, MA

Justin Yeh, MD
Associate Professor of Critical Care Medicine and Pediatrics
University of Pittsburgh School of Medicine
Director, Pediatric Cardiac ICU
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Matthew Zinn, D.O.
Assistant Professor of Pediatrics
University of Pittsburgh School of Medicine
Medical Director, Ventricular Assist Device Program
Medical Director, Dr. Bill Neches Heart Camp for Kids
UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

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We gratefully acknowledge support from the following for this activity:

Exhibitors:

Medtronic/Covidien

Course Agenda

Wednesday October 14, 2020

0900 - 0915	Welcome	Melita Viegas, MD
0915 - 0930	ECMO at CHP	Melissa Grayson, CCP
0930 - 1000	A Day in the Life of an ECMO Specialist	Marit Aspenleiter, CCP
1000 - 1030	Break	
1030 - 1100	Simulation: Cervical Cannulation Demonstration	Melita Viegas, MD
1100 - 1130	Break	
1130 - 1200	Neonatal ECMO Management	Burhan Mahmood, MD
1200 - 1230	Case Presentation: NICU	Burhan Mahmood, MD
1230 - 1300	Break	
1300 - 1400	Simulation: NICU ECMO	Burhan Mahmood, MD
1400 - 1430	Break	
1430 - 1500	ECMO for Lung Transplantation	Pablo Sanchez, MD
1500 - 1530	Surgical Procedures on ECMO	Kelly Austin, MD
1530 - 1600	Panel Discussion: Challenges in Neonatal ECMO	Moderator: Melissa Grayson, CCP
1600	Adjourn	

Thursday, October 15, 2020

1100	Welcome	
1100 – 1130	Simulation: ECPR: Word on the Street	David Palmer, Ed.D, CCP
1130 – 1200	Building an ECMO Simulation Program	Marit Aspenleiter, CCP
1200 - 1230	Anticoagulation on ECMO	Ravi Thiagarajan, MD
1230 – 1300	Survivor Stories	Scott Maurer, MD
1300 – 1330	ECMO Follow Up	Erika Fink, MD
1330 – 1400	Ethics	Scott Maurer, MD
1400 – 1430	ECMO as a Bridge to VAD/Transplant	Matt Zinn, MD
1430 – 1500	Break	
1500 - 1530	Simulation: Avalon Cannulation	Mario Castro, MD
1530 - 1600	Break	
1600 - 1630	Pediatric ECMO Management	Nahmah Kim-Campbell, MD
1630 - 1700	Case Presentation: PICU	Molly Lewen, MD
1630 - 1700	Break	
1700 - 1800	Simulation: PICU ECMO	Moderator: Melinda Hamilton, MD
1800	Adjourn	

Friday, October 16, 2020

0800	Welcome	
0800 – 0830	ECMO Billing and Finance	Holly Schrag
0830 - 0900	Break	
0900 - 0930	Simulation: Open Chest Cannulation	Melita Viegas, MD
0930 – 1000	Break	
1000 – 1030	Pediatric Cardiac ECMO Management	Justin Yeh, MD
1030 - 1100	Case Presentation: CICU	Tara Malkiewicz, RN, BSN
1100 - 1130	Break	
1130 – 1230	Simulation: CICU ECMO	Matt Bochkoris, MD
1230 - 1300	Break	
1300 - 1330	ECMO post Norwood: The CHP Experience	Carlos Diaz Castrillon
1330 - 1400	The Future of ECMO	Melita Viegas, MD
1400	Adjourn	