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

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Director, Ex Vivo Lung Perfusion (EVLP) Program

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Boston, MA

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Assistant Professor of Pediatrics
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We gratefully acknowledge support from the following for this activity:

*Exhibitors:*

*Medtronic*
# Course Agenda

**Wednesday October 14, 2020**

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<tr>
<th>Time</th>
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<td>0800 - 0900</td>
<td>Breakfast and Registration</td>
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<tr>
<td>0900 - 0915</td>
<td>Welcome</td>
<td>Melita Viegas, MD</td>
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<tr>
<td>0915 - 0930</td>
<td>ECMO at CHP</td>
<td>Melissa Grayson, CCP</td>
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<tr>
<td>0930 - 0950</td>
<td>A Day in the Life of an ECMO Specialist</td>
<td>Marit Aspenleiter, CCP</td>
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<tr>
<td>0950 - 1000</td>
<td>Break</td>
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<tr>
<td>1000 - 1100</td>
<td>Simulation: Cervical Cannulation Demonstration</td>
<td>Melita Viegas, MD</td>
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<tr>
<td>1100 - 1130</td>
<td>Neonatal ECMO Management</td>
<td>Burhan Mahmood, MD</td>
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<tr>
<td>1130 - 1200</td>
<td>Case Presentation: NICU</td>
<td>Burhan Mahmood, MD</td>
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<tr>
<td>1200 – 1300</td>
<td>Simulation: NICU ECMO</td>
<td>Burhan Mahmood, MD</td>
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<tr>
<td>1300 – 1330</td>
<td>Surgical Procedures on ECMO</td>
<td>Kelly Austin, MD</td>
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<tr>
<td>1330 – 1400</td>
<td>ECMO in Adult Congenital Heart Disease</td>
<td>Arvind Hoskoppal, MD</td>
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<td>1400 – 1430</td>
<td>ECMO for Lung Transplantation</td>
<td>Pablo Sanchez, MD</td>
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<tr>
<td>1430 – 1500</td>
<td>Break</td>
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<tr>
<td>1500 – 1530</td>
<td>ECMO Management Pearls for the Physician</td>
<td>Moderator: Mario Castro Medina, MD</td>
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<tr>
<td>1530 – 1600</td>
<td>ECMO Management Pearls for the Nurse</td>
<td>Moderator: Holly Fogle, RN</td>
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<tr>
<td>1600</td>
<td>Adjourn</td>
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<tr>
<td>Time</td>
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<tr>
<td>1100</td>
<td>Welcome</td>
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<tr>
<td>1100 – 1130</td>
<td>Building an ECMO Simulation Program</td>
<td>David Palmer, Ed.D, CCP</td>
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<tr>
<td>1200 – 1230</td>
<td>Anticoagulation on ECMO</td>
<td>Ravi Thiagarajan, MD</td>
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<tr>
<td>1230 – 1300</td>
<td>Lunch and Learn: Survivor Stories</td>
<td>Scott Maurer, MD</td>
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<tr>
<td>1300 – 1330</td>
<td>ECMO Follow Up</td>
<td>Erika Fink, MD</td>
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<tr>
<td>1330 – 1400</td>
<td>Ethics</td>
<td>Scott Maurer, MD</td>
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<td>1400 – 1430</td>
<td>Break</td>
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<tr>
<td>1430 – 1500</td>
<td>Simulation: Avalon Cannulation</td>
<td>Mario Castro, MD</td>
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<tr>
<td>1500 – 1530</td>
<td>Pediatric ECMO Management</td>
<td>Nahmah Kim-Campbell, MD</td>
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<tr>
<td>1530 – 1600</td>
<td>Case Presentation: PICU</td>
<td>Kate Kernan, MD</td>
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<tr>
<td>1600 – 1700</td>
<td>Simulation: PICU ECMO</td>
<td>Moderator: Melinda Hamilton, MD</td>
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<td>1700</td>
<td>Adjourn</td>
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**Friday, October 16, 2020**

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