



ECLS Boot Camp Training Program

Bellevue Hospital Center

**PATIENT CENTERED
QUALITY FOCUSED**





UPMC Procirca Adult ECLS Bootcamp

July 11-12, 2019

NYC Health + Hospitals Bellevue, New York, New York

462 1st Avenue, New York, NY, 10016

Program Overview:

The UPMC Procirca Adult ECMO Boot Camp is a one-day course designed for health care professionals interested in a foundational education in the care of the adult ECMO patient. Course content includes lecture on topics ranging from understanding the components of the ECMO circuit, patient selection, cannulation strategies, management of various ECMO patient groups to weaning and decannulation. Lecture will be supported with 4 hours of simulation-based learning, including ECMO circuit basics, a high fidelity ECMO cannulation simulation, handling ECMO emergencies, and high-fidelity case simulation scenarios to help develop patient management and troubleshooting skills. Hands on time with multiple ECMO systems will be available.

This course has been designed to follow the ELSO Guidelines for Training and Continuing Education for adult ECMO Specialists.

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 7.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 0.7 continuing education units (CEU's) which are equal to 7.5 contact hours.

Course Objectives:

Upon completion of the course, learners should be able to:

- Understand basic principles of ECMO
- Identify indications and contraindications for ECMO support in the adult patient
- Have a foundational understanding of the function of the components of the ECMO circuit
- Understand concerns of managing patients on ECMO
- Describe complications that may occur while on ECMO support
- Understand the cannulation, weaning and decannulation of the ECMO patient
- Respond to the most common ECMO emergencies
- Demonstrate ECMO knowledge in high fidelity simulation scenarios



The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

Faculty

Penny Sappington, MD

Assistant Professor, Critical Care Medicine
Medical Director, ECMO Program
Medical Director, CTICU and SICU
UPMC Presbyterian Hospital

Michael Anselmi, CCP, LP

ECMO Director, UPMC Presbyterian Hospital
Procirca

Brandon D'Aloiso, CCP, LP

Perfusionist, UPMC Presbyterian Hospital
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Dates: July 11-12, 2018 (Repeated Each Day)

0730 - 0750	Welcome and Overview of Course <i>Michael Anselmi, CCP, LP</i>
0750 - 0820	Indications/Contraindications for Adult ECMO Patient Selection Criteria <i>Penny Sappington, MD</i>
0820 - 0920	Management of the VV ECMO Patient <i>Penny Sappington, MD</i>
0920 - 0930	BREAK
0930 - 1030	Management of the VA ECMO Patient <i>Penny Sappington, MD</i>
1030 – 1100	Anticoagulation <i>Penny Sappington, MD</i>
1100 – 1130	The ECMO Circuit and Equipment Overview <i>Brandon D'Aloiso, BSE, CCP, LP</i>
1130 – 1200	Troubleshooting Medical and Mechanical Complications on ECMO <i>Penny Sappington, MD</i>
1200 - 1300	Lunch

Hands on Learning: ECMO Simulations

1300 – 1430	Simulation 1: VV ECMO Cannulation/Management <i>Penny Sappington, MD, Brandon D'Aloiso, CCP</i>
1430 - 1445	BREAK
1445 - 1615	Simulation 2: VA ECMO Cannulation/Management <i>Penny Sappington, MD, Brandon D'Aloiso, CCP</i>
1615 - 1630	Course Wrap Up / Q&A <i>Penny Sappington, MD, Brandon D'Aloiso, CCP</i>
16:30	Course Adjourned



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