Extracorporeal Life Support in Adult Critical Care
14 hours of Lecture, 14 hours of Simulation

Houston Methodist Hospital
April 15-18, 2015
Houston, TX

Preliminary Program (subject to change)

Wednesday, April 15, 2015 (8 hours)
Lectures
- Introduction to Simulation
- Components
- History of ECMO and ELSO Overview
- ECMO Physiology
- Indications for Adult VV ECMO

Simulation Session #1 to #3
including an ECMO “Boot Camp”

Thursday, April 16, 2015 (8 hours)
Lectures
- Cannulation and Initiation
- Anticoagulation
- Patient Management
- Circuit Management

Simulation Session #4 and #5

Friday, April 17, 2015 (8 hours)
Lectures
- VA ECMO
- Case Studies
- Decanulation, Bridge to Recovery or Transplant

Simulation Session #6 and #7

Saturday, April 18, 2015 (4 hours)
Lectures
- ECLS Pharmacology
- Quality Monitoring
- ECMO Economics and Program Set-up

Simulation Session #8

Meeting adjourned at noon with an optional afternoon simulation session.
Simulation Session #9 (optional)
- Circuit Change
- Oxygenator cut out
- Pump head change
- De-airing the circuit
- Hands on exercises

For registration information, contact Peter Rycus at prycus@umich.edu