



Extracorporeal Membrane Oxygenation (ECMO) Workshop 2017

Tuesday, April 4, 2017

7:00 a.m. **Registration/Continental Breakfast**

7:45 **Announcements and Intro to Simulation**
Bhavesh Patel, M.D.

8:00 **Intro to Adult ECMO Physiology**

8:30 **Intro to ECMO Circuits and Devices**

9:00 **Concurrent Session 1**

Lectures

- **Indications and Patient Selection**
- **Cannula Selection & Cannulation Techniques for VV & VA**
- **Initiation and Monitoring**

Lab Simulations

- **Cannulation Technique 1**
- **Circuit Set-up & Demonstration**
- **Knobology and Monitoring of the ECMO Circuit**

10:15 **Break and Rotate Groups**

10:45 **Repeat Consecutive Session 1**

12:00 p.m. **Lunch (provided)**

1:00 **Concurrent Session 2**

Lectures

- **Mechanical Ventilation on ECMO**
- **Monitoring and Optimizing Oxygen Delivery on VV & VA**
- **Bleeding and Thrombosis Prevention and Management**

Lab Simulations

- **Open/Physiology Live Tissue**
- **ECMO-Patient Interactions & Monitoring**
- **ECMO-Vent Interactions & Monitoring**

Tuesday, April 4, 2017 (continued)

- 2:30 **Break and Rotate Groups**
- 3:00 **Repeat Consecutive Session 2**
- 4:30 **Case Presentation with ECMO Simulator**
- 5:00 **Case Reviews and Q&A**
- 5:30 **Adjourn**

Wednesday, April 5, 2017

- 7:00 a.m. **Registration/Continental Breakfast**
- 7:30 **Integrated Assessment of the ECMO Patient**
- 8:00 **Concurrent Session 3**

Lectures

- **Critical Care of the ECMO Patient**
- **ECMO Complications and Morbidity**
- **Special Situations**

Lab Simulations

- **Cannulation Technique 2**
- **CPR on ECMO**
- **ECMO and Ultrasound**

- 9:30 **Break and Rotate Groups**
- 10:00 **Repeat Consecutive Session 3**
- 11:30 **Case Presentation with ECMO Simulator**
- 12:00 p.m. **Lunch (provided)**
- 1:00 **Concurrent Session 4**

Lectures

- **Weaning & Decannulation**
- **Economics & Program Development**
- **Ethics & Team Management**

Lab Simulations

- **Open/Physiology Live Tissue**
- **The Failing Heart**
- **The Recovering Heart**

Wednesday, April 5, 2017 (continued)

2:30	Break and Rotate Groups
3:00	Repeat Consecutive Session 4
4:30	Case Reviews and Q&A
5:00	Adjourn

Course Faculty

Course Directors

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Guest Faculty

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