

## **Acute Circulatory Support and ECMO workshop**

### **Workshop Overview:**

This comprehensive workshop aims to provide healthcare professionals with an in-depth understanding of acute circulatory support and ECMO, including indications, management strategies, and patient care considerations. Through a combination of didactic sessions, hands-on simulations, case studies, and interactive discussions, participants will enhance their knowledge and skills to deliver high-quality care in acute circulatory support and ECMO settings.

### **Workshop Objectives:**

1. Acquire skills in appropriate patient selection for advanced temporary mechanical circulatory support and VV ECMO.
2. Familiarize with different types of temporary mechanical circulatory support devices available for cardiac and/or respiratory failure.
3. Enhance knowledge of escalation and de-escalation strategies.
4. Address ethical and psychosocial considerations.

### **Who should attend?**

This activity has been designed for cardiovascular, pulmonary, critical care and anesthesia physicians, surgeons, perfusionists, nurse practitioners, physician assistants, respiratory therapists, nurses, fellows, residents, and other healthcare professionals who want to enhance their knowledge of extracorporeal membrane oxygenation.

### **Workshop Format**

The workshop will consist of a combination of didactic presentations, interactive discussions, case studies. Participants will have the opportunity to engage with peers to develop practical solutions to address specific job challenge.

## **APP workshop**

### **Workshop Overview:**

This workshop aims to empower advanced practice providers (APPs) by providing them with valuable insights, practical strategies, and resources to navigate and overcome various job challenges they may encounter in their roles. Through interactive sessions, case studies, and group discussions, participants will have the opportunity to share experiences, learn from experts, and develop actionable solutions to enhance their professional growth and job satisfaction.

### **Who should attend?**

Advanced practice providers and administrators.

### **Objectives:**

1. Provide opportunities for professional networking and collaboration among APPs working in MCS and Cardiac ICUs.
2. Facilitate discussion on career development, credentialing, and opportunities for advanced education in the field.
3. Promote self-care, resilience, and well-being among APPs to prevent burnout and maintain job satisfaction.

### **Workshop Format:**

The workshop will consist of a combination of didactic presentations, interactive discussions, case studies. Participants will have the opportunity to engage with peers to develop practical solutions to address specific job challenge.

## **ICCAC Workshop**

### **Workshop overview:**

The aim is to provide high quality simulation and case study education for VAD Coordinators through hands on as well as critical thinking in order to trouble shoot both in person and through phone triage.

### **Who should attend?**

This session would be great for VAD Coordinators, Bioengineers, and other healthcare providers.

### **Workshop Objectives:**

1. Device overview for both novice and seasoned VAD Coordinators. This includes device physiology and alarm reviews.
2. Simulation offering in small groups based on case studies to enhance critical thinking/ problem solving in both the clinical setting as well as out of hospital.
3. Provide scenarios and education for both the adult and pediatric VAD Coordinators that will fill Joint Commission requirements for train-the-trainer education.

### **Workshop Format**

- Increase confidence for VAD Coordinators in hypercritical situations.
- 6 stations Adult and Pediatric
- Link to simulation application below.
- Problem solving in small groups.
- Debrief case at the end.
- Survey at the very end to gather information in order to continue to make the simulation sessions enriching.