

## AACN and The Institute for Extracorporeal Life Support Present – The ECMO Course

An online course that provides comprehensive knowledge and understanding of extracorporeal membrane oxygenation (ECMO) for clinicians who care for critically ill patients with severe heart and lung failure due to a variety of conditions, including trauma, infection, cardiac arrest, acute respiratory distress syndrome, or cardiogenic shock.

### Who Will Benefit From Taking This Course?

Critical care nurses, advanced practice nurses, perfusionists and respiratory therapists who want to develop their understanding of the fundamental principles of ECMO support.

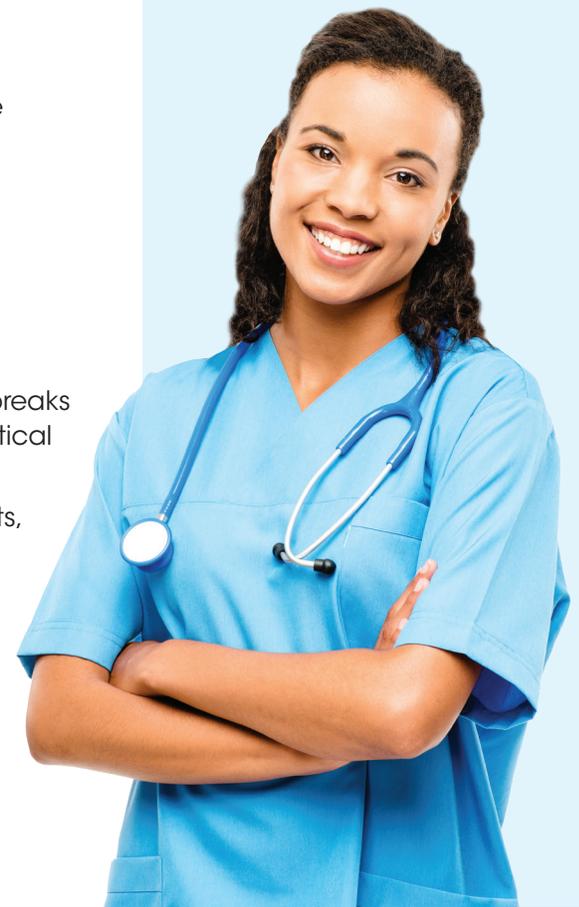
### Purchase Options

- Hospital and Institutional Packages
- Self-Study Full Course

### Course Learning Objectives

- 1 Achieve** proficiency in the physiology of oxygen delivery, how it breaks down during critical illness, recognition of shock, and the way critical care interventions can facilitate this process.
- 2 Develop** expertise in ECMO fundamentals, including components, circuit monitoring, patient selection and cannulation strategies.
- 3 Gain** a comprehensive understanding of the physiologic principles related to ECMO involving blood flow and membrane limitations, hypoxia in VV ECMO, the rationale of VA ECMO and the effects of retrograde flow in VA ECMO.
- 4 Attain** an integrated comprehension of management principles for patients on ECMO that includes mechanical ventilation, blood flow titration/weaning, pharmacokinetics and anticoagulation.

***Achieve or enhance competence to skillfully oversee various aspects of ECMO.***



## Course Features

Developed in collaboration with clinical content experts,  
The ECMO Course features:

- **Self-paced videos** — Immerses learners in easy-to-understand visuals that include replay capabilities to reinforce learning
- **Foundational learning** — Builds knowledge to make the most difficult ECMO concepts easy to understand
- **Systematic framework** — Develops an approach to treating patients on ECMO at the bedside that improves interpersonal communication
- **Continuing education (CE) hours** — Offers up to 8 CE hours for nurses and advanced practice nurses and up to 10 CE hours for perfusionists and respiratory therapists for the full course; hours awarded after successful completion of the course with a passing score of 80% or above on all lesson quizzes

## Technical Course Features and Benefits

- The course is accessible online, anywhere and at any time.
- Course content is reviewed and updated at regular intervals to ensure the latest information and evidence-based practices are provided.
- Learner engagement and knowledge retention are enhanced through interactive media and visuals.

## Accreditation

### Registered Nurses:

The American Association of Critical-Care Nurses is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

The provider is approved by the California Board of Registered Nursing, Provider number CEP 1036, for 8 contact hours.

### Respiratory Therapists and Perfusionists:

Antidote Education Co. is jointly facilitating accreditation for this course.

This item is nonrefundable.

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