

# ECMOsim

## PROGRAM



### FACULTY

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### PROGRAM DESCRIPTION

*At CAPE, we are driven by an unrelenting focus on improving human and system performance for the benefit of our patients.*

Extracorporeal membrane oxygenation (ECMO) is a technique that provides both cardiac and respiratory support to patients whose heart and lungs are so severely diseased or damaged that they can no longer serve their function. Because it is often a therapy of last resort, opportunities to practice ECMO are few. ECMOSim provides physicians, nurses and allied healthcare professionals with a full-day opportunity to practice for those rare but potentially devastating ECMO complications that, if not managed correctly, can lead to death or severe morbidity in patients. A fully functional ECMO circuit including pump, oxygenator, tubing and mixed venous oxygen saturation monitor is primed with a blood substitute and connected to a patient simulator and patient monitor, allowing the realistic simulation of life-threatening emergencies involving both the circuit and the patient.

We SEE Simulation Differently: Safety. Efficiency. Effectiveness.

## PROGRAM LOCATION

Center for Advanced Pediatric and Perinatal Education (CAPE)

Stanford University

Palo Alto, CA 94304

Phone: (650) 724-5307

Website: [www.cape.stanford.edu](http://www.cape.stanford.edu)

## REGISTRATION INFORMATION

\* Please request registration by email [contactcape@stanford.edu](mailto:contactcape@stanford.edu) or phone (650) 724-5307.

\* Tuition: \$715 per participant; \$549 for Stanford Medicine Affiliates (includes continental breakfast and refreshments)

\* Tuition is payable by check or credit card to Stanford University and is due upon confirmation of registration.

## CANCELLATION POLICY

A written notice of cancellation must be received 60 days prior to start of this program. A \$75 administrative fee will be assessed at this time.

31-59 days: 50% of paid registration is refundable.

30 days or less: Non-refundable.

Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

## LEARNING OBJECTIVES

- Review the components of an ECMO circuit and how their function impacts the neonate
- Describe how to troubleshoot the ECMO circuit
- Discuss when and how to take a neonate off and back on the ECMO circuit safely in an emergency

## AGENDA

8:00 - 9:00 am	Introduction and Briefing <i>Overview of simulation code of conduct</i>
9:01 - 11:00 am	Simulation room and equipment familiarization <i>Review of simulation room, patient simulators, equipment</i>
11:01 - 12:00 pm	Lunch
12:01 - 1:00 pm	Scenarios with video debriefings
5:01 - 5:30 pm	Evaluations, Adjourn



Stanford School of Medicine is fully ADA compliant. If you have needs that require special accommodations, including dietary concerns, please contact [contactcape@stanford.edu](mailto:contactcape@stanford.edu).

To register, please contact CAPE: (650) 724-5307  
For more information: [www.cape.stanford.edu](http://www.cape.stanford.edu)

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