2023 UCLA Extracorporeal Membrane Oxygenation (ECMO) and Life Support Symposium

An In-Person and Live Virtual Activity

With Special Keynote Address from ECMO Founder Dr. Robert Bartlett
Course Description
This one-day conference provides an introduction to extracorporeal membrane oxygenation and life support (ECMO/ECLS) for patients with respiratory or cardiac failure. We will provide an overview of indications, applications, management and the unique challenges associated with caring for patients on ECLS. Distinguished faculty from a variety of medical specialties (critical care, cardiac surgery, pediatrics, cardiology, pulmonology and medical ethics) will present up to date information in the areas of ECLS.

The conference also includes ample time for participant involvement in the form of question and answer sessions, case presentations, panel discussions and a pro-con debate.

Target Audience
This course is targeted towards practitioners both in community and academic practice who care for critically ill patients who may require ECLS support for respiratory or cardiac failure. Trainees, including fellows and residents, in addition to allied health professionals such as ECMO specialists/clinicians, nurse practitioners, registered nurses, pharmacists, social workers, dieticians, and respiratory therapists, will gain valuable and applicable knowledge.

Course Objectives:
Following completion of the course, attendees should be able to:
- Discuss specific criteria to identify patients who are appropriate candidates for ECLS
- Provide education and have meaningful conversations with patients and families about the risks and benefits of initiating ECLS
- Review the current uses and applications of modern ECLS for patients with respiratory or cardiac failure including the basic physiologic principles underlying its use
- Identify cannulation strategies and ECLS circuit components and the rationale behind selection of specific cannulation techniques
- Describe unique considerations regarding management of ECLS in the pediatric and neonatal population
- Recognize the psychosocial challenges including ethical considerations, as well as the importance of a multidisciplinary care team approach for ECLS patients

Keynote Address from ECMO Founder Dr. Robert Bartlett
Dr. Robert (Bob) Bartlett is known as the father of Extracorporeal Membrane Oxygenation (ECMO) worldwide for his pioneering work in developing ECMO technology and introducing ECMO into clinical practice. Dr. Bartlett saved the life of the first neonate ECMO patient, Esperanza, in 1975 after she developed acute respiratory failure due to meconium aspiration syndrome and was supported for three days on Dr. Bartlett’s ECMO machine until recovery. In 1989 Dr. Bartlett established the Extracorporeal Life Support Organization (ELSO) – an international ECMO authority. At present, Dr. Bartlett focuses his efforts on ECMO research at the University of Michigan and teaching and sharing his experience with healthcare teams worldwide.
2023 UCLA Extracorporeal Membrane Oxygenation (ECMO) and Life Support Symposium
An In-person and Live Virtual Activity
Saturday, January 28, 2023

SESSION 1: FOUNDATIONS
8:05 ECMO Principles in Respiratory Failure
    Vadim Gudzenko, MD
8:30 ECMO Principles in Heart Failure
    Joseph S. Meltzer, MD
8:55 Keynote Address – ECMO: Where We Are, Where We Are Going
    Robert Bartlett, MD
9:35 Question & Answer Panel
9:50 Coffee Break and Visit Exhibitions

SESSION 2: MODERN APPLICATION
BREAKOUT A: ADULT ECMO SECTION
10:05 Modern Application of ECMO in Adult Respiratory Failure
    Nida Qadir, MD
10:25 Role of ECMO/ECLS in Acute Cardiogenic Shock
    Ali Nsair, MD
10:45 Modern ECMO Use in Transplantation
    Abbas Ardehali, MD
11:05 Question & Answer Panel

BREAKOUT B: PEDIATRIC ECMO SECTION
10:05 ECMO Support and Cannulation in Neonates
    Meena Garg, MD
10:25 ECMO Support in Congenital Heart Failure and Transplant
    Ming-Sing M. Si, MD
10:45 Current Trends in Pediatric ECMO
    Neeraj Srivastava, MD
11:05 Question & Answer Panel
11:20 Lunch

SESSION 3: NEWEST DEVELOPMENTS
12:20 What We Learned from COVID
    I. Obi Emeruwa, MD, MBA
12:40 Periprocedural ECMO
    Murray H. Kwon, MD
12:55 ECPR for OHCA
    Marisa Hernandez-Morgan, MD
1:15 Ethical Challenges of Modern ECMO Care
    Neil S. Wenger, MD
1:35 Question & Answer Panel
1:50 Coffee Break and Visit Exhibitions
2:05 Mobile ECMO
    Peyman Benharash, MD
2:25 Pro-Con Debate: Every Hospital Should Have An ECMO Program
    Joseph S. Meltzer, MD & Anahat Dhillon, MD
2:55 Patient’s Experience
3:55 Coffee Break

SESSION 4: PATIENT MANAGEMENT
4:10 Anticoagulation Management
    TBA
4:25 ECMO Complications
    Michael W. Wolfe, MD
4:40 Challenges of Nursing Care
    Michelle Rodriguez, BSN, RN, CCRN-CSC, NE-BC
5:00 Liberation from ECMO
    Vadim Gudzenko, MD
5:15 Question & Answer Panel
5:30 Closing Remarks & Adjourn
### FACULTY

#### COURSE DIRECTORS

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<tr>
<th>Name</th>
<th>Title and Affiliation</th>
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<tbody>
<tr>
<td>Vadim Gudzenko, MD</td>
<td>Clinical Professor of Anesthesiology, Medical Director Adult ECMO Program, Ronald Reagan UCLA Medical Center</td>
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<td>Peyman Benharash, MD</td>
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<td>Weiting Chen, RN, BSN, CCRN, CSC</td>
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<td>Marisa Hernandez-Morgan, MD</td>
<td>Assistant Clinical Professor of Anesthesiology, Ronald Reagan UCLA Medical Center</td>
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<tr>
<td>Abbas Ardehali, MD, FACS</td>
<td>Professor of Surgery and Medicine, Division of Cardiothoracic Surgery, William E. Connor Endowed Chair in Cardiothoracic Transplantation, Director, UCLA Heart, Lung, and Heart-Lung Transplant Programs, David Geffen School of Medicine at UCLA</td>
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<td>Anahat Dhillon, MD</td>
<td>Clinical Associate Professor of Anesthesiology, Vice Chair of Quality and Safety, Medical Director – CVICU, Keck School of Medicine of USC</td>
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<td>Ali Nsair, MD</td>
<td>Medical Director, Heart Transplantation and Mechanical Circulatory Support Device Services, Heart Failure, Interventional Cardiology, Broad Stem Cell Research Center</td>
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<td>I. Obi Emeruwa, MD, MBA</td>
<td>Clinical Instructor, Division of Pulmonary and Critical Care Medicine, David Geffen School of Medicine at UCLA</td>
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<td>Michelle Rodriguez, BSN, RN, CCRN-CSC, NE-BC</td>
<td>Assistant Unit Director and Clinical Educator, Cardiothoracic Intensive Care Unit, Ronald Reagan UCLA Medical Center</td>
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<td>Health Sciences Clinical Professor of Pediatrics, Division of Neonatal - Perinatal Medicine, Ronald Reagan UCLA Medical Center</td>
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2023 UCLA Extracorporeal Membrane Oxygenation (ECMO) and Life Support Symposium
An In-person and Live Virtual Activity
SATURDAY, JANUARY 28, 2023

Course Fees
In-Person Registration: $80
Virtual Registration: $50
In-Person or Virtual – Resident/Trainee Registration: $25

Location
Ronald Reagan UCLA Medical Center
Tamkin Auditorium (B-Level)
757 Westwood Plaza
Los Angeles, CA 90095

Directions
From the 405 freeway, exit Wilshire Blvd., East toward Westwood. Turn left on Westwood Blvd., travel past Charles E. Young Dr. South and turn left on Structure 8 driveway. Drive up the ramp to the rooftop level to park. Please pay for parking at the pay-by-plate parking machine located on the roof of Lot 8. Participants are to pay their own parking charges at a rate of $14 per vehicle.

The Ronald Reagan UCLA Medical Center is located on the corner of Westwood Plaza and Charles E. Young Dr. South. The Tamkin Auditorium is located on the B-level of the Ronald Reagan hospital.

Refunds
Cancellations must be received December 15, 2022 by email to uclacme@mednet.ucla.edu. No refunds will be given after that date. If, for any reason, the course must be canceled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

In-person attendees will be provided breakfast, lunch and refreshments at the conference.

The 2023 UCLA ECMO Symposium will also be available through a live virtual meeting web platform.

- Attendees who choose to attend the live virtual activity will receive a virtual meeting link and password to access the live virtual conference.
- All registrants (live or virtual) will be provided the opportunity to review recorded sessions up to 3 weeks following the conference.
- Attendees will be awarded CME credit commensurate with the extent of their participation in the live activity (either in-person or virtual). The recorded sessions are not certified for CME credit. There will be no additional cost for the CME credit.
- Proof of vaccination and mask will be required to attend the in-person activity.

Enrollment:
We accept Visa, MasterCard, American Express, and Discover credit cards.
To register using a credit card or ACH/electronic transfer, please visit https://www.cme.ucla.edu/courses/ecmo2023
*Credit card and check payments via phone, fax, or mail are no longer accepted.

Questions
If you have questions about enrollment, please call (310) 794-2620 or email: uclacme@mednet.ucla.edu.

Early registration is recommended, as space is limited.

Accreditation Statement
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California State Board of Registered Nursing accepts courses approved for the AMA PRA Category 1 Credits™ as meeting the continuing education requirements for license renewal. Nurses from states other than California should inquire with their local State Board for specific continuing education policies.

Disclosure Statement
The FDA has issued a concept paper that classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is truly independent and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants.

In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. UCLA fully endorses the letter and spirit of these concepts.

Please visit our website for other UCLA CME offerings at www.cme.ucla.edu.
Enrollment Details

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