



The Extracorporeal Life Support Symposium:

Patient Selection and Management, Circuit Management and Transport

September 28, 2018

Biomedical Research Tower Auditorium

460 W. 12th Ave

Columbus, OH 43210

Sponsored by:

The Ohio State University Wexner Medical Center, in cooperation with The Ohio State University Heart and Vascular Center with the divisions of Cardiac Surgery and Cardiovascular Medicine

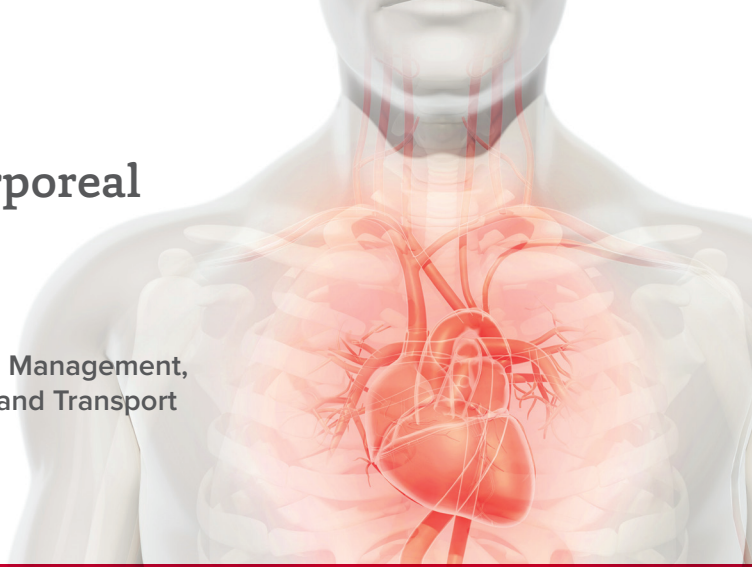


THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER

The Extracorporeal Life Support Symposium:

Patient Selection and Management,
Circuit Management and Transport



TARGET AUDIENCE

Pulmonologists, Cardiologists, Cardiac Surgeons, General Surgeons, Anesthesiologists, Emergency Medicine physicians, Perfusionists, Intensivists, Nurses and Respiratory Therapists

PURPOSE

The use of ECLS (extracorporeal life support) has grown rapidly in the U.S. in recent years. The Richard M. Ross Heart Hospital at The Ohio State University Wexner Medical Center has extensive experience in this exciting field for the last 10 years. The purpose of this symposium is to provide an educational framework and to offer support for clinicians and hospitals interested in developing or furthering a community-based ECLS program. There will also be information for centers that are interested in having the ability to place patients on ECLS and transfer them to an experienced ECLS program for management.

OBJECTIVES

At the end of the symposium, attendees will have the ability to:

1. Identify patient criteria for ECLS candidates
2. Differentiate between veno-arterial ECLS and veno-venous ECLS
3. Appropriately determine which type of ECLS to utilize for the patient and indications for ECPR
4. Describe how to cannulate patients so as to preclude the need for cannula revision
5. Initiate ECLS
6. Perform the referral process
7. Review safe transportation of the ECLS patient

COURSE AGENDA

7:15 –8 a.m.	REGISTRATION/BREAKFAST
8 - 8:10 a.m.	Welcome Remarks and Introductions S. Veena Satyapriya, MD
8:10 - 8:30 a.m.	ECLS Modes and Circuits James Ralston, CCP <ul style="list-style-type: none">• ECLS Types• ECLS Circuits• ECLS Components
8:30 - 9 a.m.	Evaluation and Indications for ECLS S. Veena Satyapriya, MD <ul style="list-style-type: none">• Indications for VV-ECLS• Indications for VA-ECLS
9 - 9:10 a.m.	Absolute and Relative Contraindications Amar Bhatt, MD
9:10 – 9:30 a.m.	ECPR for VF/VT Patients Konstantinos Dean Boudoulas, MD and Ernest Mazzaferri Jr., MD
9:30 - 9:50 a.m.	BREAK WITH Q&A
9:50 - 10:20 a.m.	Bedside Management in the ICU Sheila Chucta, CNS <ul style="list-style-type: none">• Nursing Concerns• Early Mobilization
10:20 - 10:40 a.m.	Anticoagulation Management for ECLS Alan Rozycki, PharmD
10:40 - 11 a.m.	Ventilator Management for the ECLS Patient Ravi Tripathi, MD
11 - 11:15 a.m.	Ventilator Settings for ECLS Type Melissa Klug, RT
11:15 a.m. - 12 p.m.	LUNCH, QUESTION AND ANSWER
12 - 12:10 p.m.	Break and Proceed to Breakout Sessions of Choice

BREAKOUT SESSIONS

12:10 - 12:30 p.m.	<u>Breakout Sessions 1, 2, and 3</u> <ol style="list-style-type: none">1. Assembly and Priming of the Standard ECLS Circuit David Igoe, CCP2. Ohio State Referral Packet S. Veena Satyapriya, MD3. Bedside Nurse Q&A Discussion Sheila Chucta, CNS; Lisa Post RN, BSN
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12:30 - 12:50 p.m.

Breakout Sessions 4, 5, and 6

4. Ohio State Cannula placement

Bryan Whitson, MD, PhD

5. Assembly and Priming of the CardioHelp Circuit

David Igoe, CCP

6. Bedside Nurse Q&A Discussion

Sheila Chucta, CNS; Lisa Post RN, BSN

1 – 1:20 p.m.

Initiation, Management and Transport

David Mast, CCP

- Managing ECLS Initiation
- ECLS Transport and Readiness

1:20 – 1:30 p.m.

Closing Remarks/Fill Out Feedback Form

Bryan Whitson MD, PhD

COURSE DIRECTORS

S. Veena Satyapriya, MD

Assistant Professor of Anesthesiology, Critical Care

Medical Director, Ohio State ECLS Program

Program Director, Anesthesiology Critical Care Fellowship

David Mast, CCP

Senior Perfusionist

Coordinator, Ohio State ECLS Program

COURSE FACULTY, RICHARD M. ROSS HEART HOSPITAL

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Senior Perfusionist

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Nurse Manager, Intensive Care Unit

James Ralston, CCP

Manager, Perfusion Services

Alan Rozycki, PharmD, BCCCP

Clinical Pharmacy Specialist, Cardiovascular Surgery

Ravi Tripathi, MD

Associate Professor of Anesthesiology

Clinical Director, Anesthesiology Critical Care Services

Medical Director, Critical Care Services for Ross Heart Hospital

Bryan Whitson, MD, PhD

Associate Professor of Surgery

Interim Director, Division of Cardiac Surgery

Director, Thoracic Transplantation and Mechanical Circulatory Support

Co-Director, COPPER Laboratory



Accreditation Statement

The Ohio State University Wexner Medical Center, Center for Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Ohio State University Wexner Medical Center designates this educational activity for a maximum of *6 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

To register, please email: ellen.yokoyama@osumc.edu



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