

Mayo Clinic's Current Concepts in Extracorporeal Life Support:  
Medical Management and High-Fidelity Cannulation Simulations  
December 2-4, 2021

*All times are in Eastern Standard Time*

<b>Thursday, December 2, 2021</b>	
<b>Livestream from Mayo Clinic Kinne Auditorium – Cannaday Building, Jacksonville, FL</b>	
7:00 am	<b>Registration</b>
7:20	Welcome & Course Highlights <i>Gregory J. Schears, M.D.</i>
7:30	ECMO History and Overview <i>Gregory J. Schears, M.D.</i>
<b>ECMO Introduction</b>	
8:00	Physiology and Evidences of VV ECMO <i>Heidi J. Dalton, M.D.</i>
8:40	Management Tips <i>Suraj M. Yalamuri, M.D.</i>
9:00	ECPR Rational /Trials <i>Pramod K. Guru, M.B.B.S., M.D.</i>
9:30	<b>Break</b>
9:45	Cannulation Reassessment and Reconfiguration <i>Mauricio A. Villavicencio Theoduloz, M.D.</i>
10:15	Essentials of Anticoagulation during ECMO <i>Troy G. Seelhammer, M.D.</i>
10:45	Heart Failure: Physiology and Management <i>Parag C. Patel, M.D.</i>
11:15	<b>Lunch &amp; Learn</b> <ul style="list-style-type: none"><li>Setting up for Success (15 minutes) <i>Gregory J. Schears, M.D.</i></li><li>Questions and Answers (15 minutes)</li></ul>
12:00 pm	Adjourn Livestream

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<b>Friday, December 3, 2021</b>	
<b>Livestream from Mayo Clinic Kinne Auditorium – Cannaday Building, Jacksonville, FL</b>	
<b>ECMO Intermediate</b>	
8:00 am	What does the Echo Show? – Echo in Weaning ECMO <i>James A. Nelson, M.B.B.S.</i>
8:30	To Breathe or Not to Breathe? - Mechanical Ventilation on ECMO <i>J. Kyle Bohman, M.D. – Remote Presentation</i>
9:00	Dollars & Cents <i>J. Kyle Bohman, M.D. – Remote Presentation</i>
9:30	<b>Break</b>
9:45	What Does the Circuit Eat? - Pharmacology and Drug Dosing on ECMO <i>Scott D. Nei, Pharm.D., R.Ph.</i>
10:15	Is it Time to Come Off? – Weaning Strategies for VV/VA ECMO <i>Christoph G. Nabzdyk, M.D. – Remote Presentation</i>
10:45	Avoiding the “Bloody Mess”: Transfusion and ECMO <i>Allan M. Klompas, M.B., B.Ch., B.A.O.</i>
11:15	<b>Lunch &amp; Learn</b> <ul style="list-style-type: none"><li>• Prognostication: Power and Limitation of Prediction (15 minutes) <i>Troy G. Seelhammer, M.D.</i></li><li>• Questions and Answers (15 minutes)</li></ul>
12:00 pm	Adjourn Livestream

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<b>Saturday, December 4, 2021</b>	
<b>Livestream from Mayo Clinic Kinne Auditorium – Cannaday Building, Jacksonville, FL</b>	
<b>ECMO Advanced</b>	
8:00 am	COVID Corner – Latest on the Pandemic and ECMO <i>Pablo Moreno Franco, M.D.</i>
8:30	What About the Liver and Kidneys? – CRRT and MARS on ECMO <i>Nathan D. Peffley, M.D.</i>
9:00	Not Just Rescue – ECMO for Lung Transplant <i>Archer K. Martin, M.D.</i>
9:30	<b>Break</b>
9:45	Play Nice – Other Mechanical Circulatory Support Devices and ECMO <i>Atta Behfar, M.D., Ph.D.</i>
10:15	You Did What?!? – Unique ECMO Strategies <i>Suraj M. Yalamuri, M.D.</i>
10:45	Common Weaning Mistakes and How to Avoid Them <i>Gregory J. Schears, M.D.</i>
11:15	<b>Lunch &amp; Learn</b> <ul style="list-style-type: none"><li>• Ethical Considerations in the MCS Era (15 minutes) <i>Pramod K. Guru, M.B.B.S., M.D.</i></li><li>• Questions and Answers (15 minutes)</li></ul>
12:00 pm	Adjourn Livestream