

Mayo Clinic's Current Concepts in Extracorporeal Life Support:
Medical Management and High-Fidelity Cannulation Simulations
December 5-7, 2019

Program Overview

Thursday, December 5, 2019 – 7:30 a.m. to 3:45 p.m.

- VV ECMO – Topics include:
 - Physiology, Selection/Evidence from Latest Trials, Anticoagulation, Cannulation and Weaning Strategies
- VA ECMO – Topics include:
 - Physiology, Selection/Evidence from Latest Trials, Cannulation, Hemorrhaging Patient, Judging Readiness for Removal, Weaning Strategies
- Low Fidelity Simulations and Case Based Scenarios
- Optional Skills Stations: Recommended for Individuals Participating in Saturday Hands-On Simulations

Friday, December 6, 2019 – 8:00 a.m. to 3:45 p.m.

- ECPR – Topics include:
 - Physiology, Selection/Evidence from Latest Trials, Cannulation Considerations, Distal Perfusion Cannula and VA ECMO for Lung Transplant
- ECMO Potpourri – Topics include:
 - Drug Dosing Considerations on ECMO, Refractory Hypoxemia, Harlequin Syndrome, Transportation, CRRT on ECMO, Nursing Perspective, Dollars and Cents
- Abstract Presentations and Q&A Stations
- Optional Skills Stations: Recommended for Individuals Participating in Saturday Hands-On Simulations

Saturday, December 7, 2019 – 7:30 a.m. to 5:15 p.m. – Limited Registration

- Skills Stations and Low Fidelity Simulations
 - Cannulation, VV ECMO Cannulation, TEE/POCUS and Crisis Management
- High Fidelity Simulation
 - ECPR, Circuit Reconfiguration and Emergent Decision Making

Included as part of the course, all participants will have access to the following educational activities:

Digital Pre-Course Material (Video & Text Based):

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| • Selection in Pediatrics | • Mayo ECPR Checklist |
| • Hemorrhaging Patient | • Mechanical Ventilation |
| • ECCO2R: What is its role? | • The Approach to the Congenital Lesion |
| • ECPR Video on Cannulation | • Latest Trials on ECPR |

Optional Skills Stations:

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| • Cannulation | • Know your Ps and Qs |
| • Wet/Wet Connection | • Problem Solving |
| • Airway Station | |
| • Securing Cannula | |

Detailed Agenda Forthcoming