



Harvard/MGH Short Term Mechanical Support Heart and Lung Symposium
Friday October 23 and Saturday October 24, 2020

Friday Morning Session

Time	Activity	Presenter
8:30 - 8:40	Introduction and Welcome	Mauricio Villavicencio, MD
8:40 - 9:10	Physiology of advanced respiratory failure	Kathryn Hibbert, MD
9:10 - 9:40	Management of cardiogenic shock	Gaston Cudemus, M.D.
9:40 – 10:10	Console, circuit, CVVH Connections	Jeliene Larocque, RRT
10:10 – 10:25	Break	
10:25 – 10:50	ECMO Initiation: flows, vent setting, gases and sweep	Kenneth Shelton, MD
10:50 – 11:15	ECMO: Selection criteria – Indication, contraindications, risk stratifying	Gaston Cudemus, MD
11:15 – 11:40	Cannulation strategies / ECMO initiation- Respiratory failure	Nathalie Roy, MD
11:40 – 12:10	Cannulation strategies / ECMO initiation- Cardiogenic shock	Mani Daneshmand, MD
12:10 – 12:40	Video cannulation for ECMO: Veno-arterial, Veno-venous	
12:40 – 1:20	Lunch	
1:20 – 1:50	Percutaneous left and right heart support	Roberto Cubeddu, M.D.
1:50 – 2:20	ECMO networking, out of hospital transport	Mani Daneshmand, MD
2:20 – 2:50	<u>PRO / CON Debate</u> ECMO versus impella for severe acute cardiogenic shock	Mani Daneshmand, MD versus David Dudzinski, M.D.
2:50 – 3:20	Pharmacokinetics on ECMO	Lauren Devine, Pharm D.
3:20 pm	Day 1 Adjournment	

Saturday Session

Time	Activity	Presenter
8:30 – 9:00 am	Nursing care of ECMO – wounds, mobilization, in-hospital transport, family support	Kathy Schultz, RN
9:00 – 9:30	End of Life	Emily Rubin, MD
9:30-10:00	Ex vivo preservation of the heart and lungs	Masaki Funamoto, MD
10:00 – 10:20	Break	
10:20-10:50	<u>PRO / CON Debate</u> Advanced ventilation management versus venovenous ECMO	Jerome Crowley, MD Yvonne Lai, MD
10:50 – 11:20	Anticoagulation –Sedation management	Gaston Cudemus, MD
11:20 – 11:50	Bridge to Bridge	David D’Alessandro, MD
11:50 – 12:30	Bridge to Transplant/Recovery	Mauricio Villavicencio, MD
12:30 – 1:00	Break	
1:00 – 1:30	Echo for mechanical support	Adam Dalia, MD
1:30 – 2:00	ECMO Complications	Mauricio Villavicencio, MD
2:00 – 2:30	Case presentation	Ivana Nikolic, MD
2:30 – 3:00	ECMO in special situations: Sepsis, trauma, pregnancy	Nathalie Roy, MD
3:00-3:10	Final remarks	Mauricio Villavicencio, MD
3:10 pm	Conference Adjournment	