



ADULT ECMO FOR RESPIRATORY AND CIRCULATORY FAILURE INCLUDING SEPTIC SHOCK 2026

Monday Oct 12th				Tuesday Oct 13th				Wednesday Oct 14th				Thursday Oct 15th			
8.00 - 17.45				8.00 - 17.00				8.00 - 17.00				8.00 - 17.00			
Group 1	Group 2	Group 3	Group 4	Group 1	Group 2	Group 3	Group 4	Group 1	Group 2	Group 3	Group 4	Group 1	Group 2	Group 3	Group 4
Welcome - Introduction															
SIMULATION	LECTURES	WET-LAB	LECTURES	LECTURES	SIMULATION	LECTURES	WET-LAB	WET-LAB	LECTURES Patient cases	SIMULATION	LECTURES Patient cases	LECTURES Patient cases	WET-LAB	LECTURES Patient cases	SIMULATION
LUNCH				LUNCH				LUNCH				LUNCH			
SIMULATION	PC SIMULATION LECTURES	WET-LAB	PC SIMULATION LECTURES	PC SIMULATION LECTURES	SIMULATION	PC SIMULATION LECTURES	WET-LAB	WET-LAB	Patient cases	SIMULATION	Patient cases	Patient cases	WET-LAB	Patient cases	SIMULATION
				Evening: Dinner								Closure			

Group 1 Detailed schedule

Monday Oct 12th

8.00 - 8.15	Registration	
8.15 - 8.40	Welcome and introduction	Björn Frenckner, MD
9.00 - 10.00	Simulation	Jacob Forestier, MD Jerker Westlund, RN Anna Lindberg, RN
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.30	Simulation	
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Simulation	
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.45	Simulation	

Group 1 Detailed schedule

Tuesday Oct 13th

8.00 - 8.15	History of ECMO, ELSO and Registry	Björn Frenckner, MD
8.20 - 8.35	Indications for ECMO	Pär Forsman, MD
8.40 - 8.55	Circuit - Pumps and oxygenators	Pär Forsman, MD
9.00 - 9.20	Cannulation for ECMO	Carl Montán, MD
9.25 - 10.00	v-v/v-a ECMO Physiology	Mikael Broman, MD
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 10.55	Anticoagulation	Pär Forsman, MD
11.00 - 11.25	Bleeding problems on ECMO	Carl Montán, MD and Pär Forsman, MD
11.30 - 12.30	<i>LUNCH</i>	
12.25 - 12.45	The septic patient	Mikael Broman, MD
12.50 - 14.25	Circulatory physiology - Theory and simulation	Michael Broomé, MD
14.30 - 15.00	Management of the ECMO patient	Mikael Broman, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 15.45	Organization of ECMO	Gemma Björndahl, RN and Henrik Bucht, RN
15.50 - 16.10	CT scan on ECMO	Jan Svoboda, MD and Ann Tjärn, RN
16.15 - 16.35	ECMO bedside care	Ann Tjärn, RN
16.40 - 17.00	General discussion	

Group 1

Detailed schedule

Wednesday Oct 14th

8.00 - 10.00	Wet lab training	Niklas Adrian, MD Mia Persson, RN
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.30	Wet lab training	
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Wet lab training	
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.00	Wet lab training	

Group 1 Detailed schedule

Thursday Oct 15th

8.00 - 8.15	CRRT and plasmapheresis on ECMO	Marcus Brynolf, MD
8.20 - 8.45	Sedation and physiotherapy	Ivan Kohn, MD and Cecilia Lindström, PhT
8.50 - 9.10	Transport on ECMO	Mikael Broman, MD
9.15 - 9.45	Common problems and mishaps	Marcus Brynolf, MD, Björn Frenckner, MD
9.45 - 10.15	<i>Coffee break</i>	
10.15 - 10.35	Weaning and cessation	Jonas Berner, MD
10.40 - 11.00	Echocardiography on ECMO	Julia Tejero Aranguren, MD
11.05 - 11.25	Long term outcome	Jonas Berner, MD
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 16.30	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD
16.30 - 17.00	Closing remarks	

Group 2 Detailed schedule

Monday Oct 12th

8.00 - 8.15	Registration	
8.15 - 8.40	Welcome and introduction	Björn Frenckner, MD
8.45 - 9.00	History of ECMO, ELSO and Registry	Björn Frenckner, MD
9.05 - 9.20	Indications for ECMO	Pär Forsman, MD
9.25 - 9.40	Circuit - Pumps and oxygenators	Pär Forsman, MD
9.45 - 10.05	Cannulation for ECMO	Carl Montán, MD
10.05 - 10.30	<i>Coffee break</i>	
10.35 - 11.00	Anticoagulation	Pär Forsman, MD
11.05 - 11.25	Bleeding problems on ECMO	Carl Montán, MD and Pär Forsman, MD
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 13.05	v-v/v-a ECMO Physiology	Mikael Broman, MD
13.10 - 14.40	Circulatory physiology - Theory and simulation	Michael Broomé, MD
14.45 - 15.05	The septic patient	Mikael Broman, MD
15.05 - 15.35	<i>Coffee break</i>	
15.35 - 15.55	Management of the ECMO patient	Mikael Broman, MD
16.00 - 16.15	Organization of ECMO	Gemma Björndahl, RN and Henrik Bucht, RN
16.20 - 16.40	CT scan on ECMO	Jan Svoboda, MD and Ann Tjärn, RN
16.45 - 17.05	ECMO bedside care	Ann Tjärn, RN
17.05 - 17.30	General discussion	

Group 2 Detailed schedule

Tuesday Oct 13th

8.00 - 10.00	Simulation	Jacob Forestier, MD Jerker Westlund, RN Anna Lindberg, RN
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.30	Simulation	
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Simulation	
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.00	Simulation	

Group 2 Detailed schedule

Wednesday Oct 14th

8.00 - 8.15	CRRT and plasmapheresis on ECMO	Marcus Brynolf, MD
8.20 - 8.45	Sedation and physiotherapy	Ivan Kohn, MD and Cecilia Lindström, PhT
8.50 - 9.10	Transport on ECMO	Mikael Broman, MD
9.15 - 9.45	Common problems and mishaps	Marcus Brynolf, MD, Björn Frenckner, MD
9.45 - 10.15	<i>Coffee break</i>	
10.15 - 10.35	Weaning and cessation	Jonas Berner, MD
10.40 - 11.00	Echocardiography on ECMO	Julia Tejero Aranguren, MD
11.05 - 11.25	Long term outcome	Jonas Berner, MD
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD

Group 2 Detailed schedule

Thursday Oct 15th

8.00 - 10.00	Wet lab training	Niklas Adrian, MD Mia Persson, RN
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.30	Wet lab training	
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Wet lab training	
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 16.30	Wet lab training	
16.30 - 17.00	Closing remarks	

Group 3 Detailed schedule

Monday Oct 12th

8.00 - 8.15	Registration	
8.15 - 8.40	Welcome and introduction	Björn Frenckner, MD
9.00 - 10.00	Wet lab training	Niklas Adrian, MD Mia Persson, RN
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.30	Wet lab training	
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Wet lab training	
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.45	Wet lab training	

Group 3 Detailed schedule

Tuesday Oct 13th

8.00 - 8.15	History of ECMO, ELSO and Registry	Björn Frenckner, MD
8.20 - 8.35	Indications for ECMO	Pär Forsman, MD
8.40 - 8.55	Circuit - Pumps and oxygenators	Pär Forsman, MD
9.00 - 9.20	Cannulation for ECMO	Carl Montán, MD
9.25 - 10.00	v-v/v-a ECMO Physiology	Mikael Broman, MD
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 10.55	Anticoagulation	Pär Forsman, MD
11.00 - 11.25	Bleeding problems on ECMO	Carl Montán, MD and Pär Forsman, MD
11.30 - 12.30	<i>LUNCH</i>	
12.25 - 12.45	The septic patient	Mikael Broman, MD
12.50 - 14.25	Circulatory physiology - Theory and simulation	Michael Broomé, MD
14.30 - 15.00	Management of the ECMO patient	Mikael Broman, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 15.45	Organization of ECMO	Gemma Björndahl, RN and Henrik Bucht, RN
15.50 - 16.10	CT scan on ECMO	Jan Svoboda, MD and Ann Tjärn, RN
16.15 - 16.35	ECMO bedside care	Ann Tjärn, RN
16.40 - 17.00	General discussion	

Group 3 Detailed schedule

Wednesday Oct 14th

8.00 - 10.00 Simulation

Jacob Forestier, MD
Jerker Westlund, RN
Anna Lindberg, RN

10.00 - 10.30 *Coffee break*

10.30 - 11.30 Simulation

11.30 - 12.30 *LUNCH*

12.30 - 15.00 Simulation

15.00 - 15.30 *Coffee break*

15.30 - 17.00 Simulation

Group 3 Detailed schedule

Thursday Oct 15th

8.00 - 8.15	CRRT and plasmapheresis on ECMO	Marcus Brynolf, MD
8.20 - 8.45	Sedation and physiotherapy	Ivan Kohn, MD and Cecilia Lindström, PhT
8.50 - 9.10	Transport on ECMO	Mikael Broman, MD
9.15 - 9.45	Common problems and mishaps	Marcus Brynolf, MD, Björn Frenckner, MD
9.45 - 10.15	<i>Coffee break</i>	
10.15 - 10.35	Weaning and cessation	Jonas Berner, MD
10.40 - 11.00	Echocardiography on ECMO	Julia Tejero Aranguren, MD
11.05 - 11.25	Long term outcome	Jonas Berner, MD
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 15.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 16.30	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD

Group 4 Detailed schedule

Monday Oct 12th

8.00 - 8.15	Registration	
8.15 - 8.40	Welcome and introduction	Björn Frenckner, MD
8.45 - 9.00	History of ECMO, ELSO and Registry	Björn Frenckner, MD
9.05 - 9.20	Indications for ECMO	Pär Forsman, MD
9.25 - 9.40	Circuit - Pumps and oxygenators	Pär Forsman, MD
9.45 - 10.05	Cannulation for ECMO	Carl Montán, MD
10.05 - 10.30	<i>Coffee break</i>	
10.35 - 11.00	Anticoagulation	Pär Forsman, MD
11.05 - 11.25	Bleeding problems on ECMO	Carl Montán, MD and Pär Forsman, MD
11.30 - 12.30	<i>LUNCH</i>	
12.30 - 13.05	v-v/v-a ECMO Physiology	Mikael Broman, MD
13.10 - 14.40	Circulatory physiology - Theory and simulation	Michael Broomé, MD
14.45 - 15.05	The septic patient	Mikael Broman, MD
15.05 - 15.35	<i>Coffee break</i>	
15.35 - 15.55	Management of the ECMO patient	Mikael Broman, MD
16.00 - 16.15	Organization of ECMO	Gemma Björndahl, RN and Henrik Bucht, RN
16.20 - 16.40	CT scan on ECMO	Jan Svoboda, MD and Ann Tjärn, RN
16.45 - 17.05	ECMO bedside care	Ann Tjärn, RN
17.05 - 17.30	General discussion	

Group 4

Detailed schedule

Tuesday Oct 13th

8.00	10.00	Wet lab training	Niklas Adrian, MD Mia Persson, RN
10.00	10.30	Coffee break	
10.30	11.30	Wet lab training	
11.30	12.30	LUNCH	
12.30	14.55	Wet lab training	
15.00	15.30	Coffee break	
15.20	17.00	Wet lab training	

Group 4 Detailed schedule

Wednesday Oct 14th

8.00 - 8.15	CRRT and plasmapheresis on ECMO	Marcus Brynolf, MD
8.20 - 8.45	Sedation and physiotherapy	Ivan Kohn, MD and Cecilia Lindström, PhT
8.50 - 9.10	Transport on ECMO	Mikael Broman, MD
9.15 - 9.45	Common problems and mishaps	Marcus Brynolf, MD, Björn Frenckner, MD
9.45 - 10.15	<i>Coffee break</i>	
10.15 - 10.35	Weaning and cessation	Jonas Berner, MD
10.40 - 11.00	Echocardiography on ECMO	Julia Tejero Aranguren, MD
11.05 - 11.25	Long term outcome	Jonas Berner, MD
11.30 - 12.30	LUNCH	
12.30 - 15.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD
15.00 - 15.30	<i>Coffee break</i>	
15.30 - 17.00	Patient cases	Jonas Lindholm, MD Mikael Broman, MD Björn Frenckner, MD

Group 4

Detailed schedule

Thursday Oct 15th

8.00	10.00	Simulation	Jacob Forestier, MD Jerker Westlund, RN Anna Lindberg, RN
10.00	10.30	Coffee break	
10.30	11.30	Simulation	
11.30	12.30	LUNCH	
12.30	15.00	Simulation	
15.00	15.30	Coffee break	
15.30	16.30	Simulation	
16.30	17.00	Closing remarks	

Faculty

Björn Frenckner	MD PhD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Jonas Berner	MD PhD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Jonas Lindholm	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Pär Forsman	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Mikael Broman	MD PhD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Julia Tejero Aranguren	MD PhD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Jan Svoboda	MD	Pediatric Radiology, Karolinska University Hospital, Karolinska Institutet, Stockholm
Ann Tjärn	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Michael Broomé	MD PhD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Niklas Adrian	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Mia Persson	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Jerker Westlund	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Anna Lindberg	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Marcus Brynolf	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Henrik Bucht	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Gemma Björndahl	RN	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Jacob Forestier	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Ivan Kohn	MD	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Cecilia Lindström	PhT	ECMO Center Karolinska University Hospital, Karolinska Institutet, Stockholm
Carl Montán	MD PhD	Vascular Surgery, Karolinska University Hospital, Karolinska Institutet, Stockholm
