



Pediatric ECMO Training Course

Supported by ELSO Faculty



Altinyunus Hotel, Çeşme, İzmir
Sept 21-23, 2018

Course Directors: Mark Ogino, MD (Nemours) and Don Granoski (Stollery)

Day 1 Friday, Sept 21, 2018 (0800-1700)

0800 – 0845	Opening Remarks Introduction and Overview of ECLS History of ECMO and ELSO	Mark Ogino, MD
0845 – 0945	Principles of Centrifugal pumps ECLS Circuit components Innovations in ECLS technology	Don Granoski, RRT
0945 – 1030	Intro to simulation / Puzzle / De-airing	Sim Team
1030 – 1100	BREAK	

SPLIT PARTICIPANTS INTO 4 GROUPS

Group I & II	Group III & IV	Lectures	
1100 – 1200	1430 - 1530	ARDS management and update	Brian Bridges, MD
1200 – 1330	1530 – 1700	Respiratory ECLS - Selection Criteria, Cannulation Strategies, Clinical Management, weaning, and outcomes	Laurance Lequier, MD

1330 – 1430 **LUNCH**

Group III & IV	Group I & II	SKILLS SESSIONS SIMULATION SESSION 1 (2.5 hours)	Mannequin Circuit	Facilitator
1100-1330	III	I Circuit check, basic procedures and emergency management Sim #1, 2	Infant Pedi Quadrox	Mark
	IV	II Circuit check, basic procedures and emergency management Sim #1, 2	Junior PLS Maquet	Don





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Day 2 Saturday, Sept 22, 2018 (0800-1630)

0800 – 0900 ECMO physiology

Mark Ogino, MD

Group III & IV	Group I & II	Lectures	
0900 – 1030	1330 – 1500	Cardiac ECLS (Non post cardiectomy) - Selection Criteria, cannulation strategies, Clinical Management, weaning and Outcomes *Include ECLS for sepsis	Brian Bridges, MD
1030 - 1100		BREAK	
1100 – 1145	1500 – 1545	Coagulation / Anticoagulation	Laurance Lequier, MD
1145 – 1230	1545 - 1630	Daily patient management *Including ventilator management	Laurance Lequier, MD

1230 - 1330 **LUNCH**

Group I & II	Group III & IV	SIMULATION SESSION 2 (3 hours)	Mannequin Circuit	Facilitator		
0900-1030	II I	1330-1500	IV	Review Circuit check, basic procedures, and emergency management Sim #3	Infant Pedi Quadrox	Mark
			III	Review Circuit check, basic procedures, and emergency management Sim #3	Junior PLS Maquet	Don
1030-1100		BREAK				
1100-1230	II I	1500-1630	IV	Sim #4, 5, 6	Infant Pedi Quadrox	Mark
			III	Sim #4, 5, 6	Junior PLS Maquet	Don



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Day 3 Sunday, Sept 23, 2018 (0800-1730)

0800 – 0900 Circuit management / routines and nursing care Don Granoski, RRT

Group I & II	Group III & IV	Lectures	
0900 – 0945	1330 – 1415	CRRT, Plasma exchange and other interventions	Laurance Lequier, MD
0945 - 1030	1415 - 1500	Case Review – Respiratory	Laurance Lequier, MD
1030 - 1100	1500 - 1530	BREAK	
1100 - 1145	1530 - 1615	Complications and Outcomes	Brian Bridges, MD
1145 - 1230	1615 - 1700	Case Review – Cardiac / shock	Brian Bridges, MD

1230 - 1330 **LUNCH**

Group III & IV	Group I & II	SIMULATION SESSION 3 (2.5 hours)		Mannequin Circuit	Facilitator
0900-1030	1330-1500	I	Sim # 7, 8, 9	Infant Pedi Quadrox	Mark
		II	Sim # 7, 8, 9	Junior PLS Maquet	Don
1030 - 1100	1500 - 1530	BREAK			
1100-1230	1530-1700	I	Sim # 10, 11, 12, (13)	Infant Pedi Quadrox	Mark
		II	Sim # 10, 11, 12, (13)	Junior PLS Maquet	Don

1700 – 1730 Questions for Faculty All faculty
Course Wrap Up

Please note that program is subject to change. Thank you for your understanding

Version 8_dg_mo

