



Ministry of Health  
 Department of Anesthesia, Critical Care and  
 Pain Management, Al-Adan Hospital  
 ECLS Training Program  
 Program Timetable

(For registration and reviewing policies visit Website: <http://ecmocentre.kw.com/>)

Day 1 :Monday ,09<sup>th</sup> November 2020 (8.5 hours)

TIME	TOPIC	SPEAKER
07:30am-08:00am	Welcome, Registration and Tea.	
08:00am-08:30am	Pre Course Exam	
08:30am-09:00am	Introduction to ECMO and History	Huda Alfoudri
09:00am -09:30am	ECMO Physiology (VV and VA)	Mohammed Shamsah
09:30am-10:00am	ECMO Equipment and Circuit Components	Arianne Corpuz
10:00am-10:30am	ARDS	Nawar Jabbour
10:30am -11: 00am	OPEN DISCUSSION & TEA BREAK	
11:00am-11:30am	Indications (VV and VA)	Huda Alfoudri
11:30am-12:00pm	Contraindications (VV and VA)	Huda Alfoudri
12:00pm-12:30pm	Ethical Considerations in ECLS	Mohammed Shamsah Huda Alfoudri
12:30pm-01:00pm	Cannulation and Decannulation	Ahmed Hani
01:00pm-02:00pm	LUNCH	
02:00pm-02:30pm	Starting of ECMO	Mohammed Shamsah
02:30pm-03:00pm	ECMO Management and weaning	Mohammed Shamsah
03:00pm-03:30pm	Anticoagulation on ECMO	Omar Bamasood
03:30pm-04:00pm	OPEN DISCUSSION & TEA BREAK	
04:00pm-04:30pm	Trouble shooting and Complications	Beena Yousuf
04:30pm-05:00pm	Transfer on ECMO	Ananthakrishnan



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Day 2 :Tuesday, 10th November 2020 (9.5 hours)

TIME	TOPIC			SPEAKER/TRAINER
07:30am-08:00am	Nutrition of ECMO Patients			Tala Al-Dabbous
08:00am-08:30am	Physiotherapy and Mobilization for ECMO Patients			Alaa Alsaeed
08:30am-09:00am	Optimization of medication on ECLS			Mona Mataqi
09:00am-09:30am	Nursing care for ECMO Patients			Vince Tianzon
09:30am-10:00am	OPEN DISCUSSION & TEA BREAK			
Practical Session				
10:00am-11:00am	ECMO system with machine components and circuit			Drisy/Arianne
Practical Session (in 3 rotating groups) for the following stations: A. Different Type of cannulas, ECMO Confrigration and imaging.      B. Wet Joint station      C. Mobilization				
11:00am-11:30am	GROUP A	GROUP B	GROUP C	Dr Huda ,Ahmed Hani , Beena, Physiotherapy team
11:30am-12:00pm	GROUP C	GROUP A	GROUP B	
12:00pm-12:30pm	GROUP B	GROUP C	GROUP A	
Practical Session on Manikin: <u>CANNULATION/ECMO initiation Workshop.</u> 2 subgroups, one group will perform full cannulation up to going on ECMO and other will observe the session from the conference room .				
12:30 pm-01:00 pm	How to setup an ECMO cannulation trolley			Anantha/Rechelle
01:00pm-02:00pm	LUNCH			
02:00pm -03:30pm	<u>Group 1:</u> Cannulation / ECMO initiation <u>Group 2:</u> Observation in conference room			Ahmed/Vlad Rechelle/Vince
03:30pm – 04:00pm	OPEN DISCUSSION & TEA BREAK			
04:00 pm – 05:30 pm	<u>Group 2:</u> Cannulation / ECMO initiation <u>Group 1:</u> Observation in conference room			Ahmed/Vlad Rechelle /Vince
05:30:pm-06:30pm	Transportation Drill			Dr Huda Anantha



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Day 3 :Wednesday, 11th November 2020 ( 9 hours)

TIME	TOPIC				SPEAKER/ TRAINER
PRACTICAL SESSION: Trouble Shooting (Pump failure, Air in the circuit, Routine management and circuit check)					
08:00am-08:45am	Group 1	Group 2	Group 3	Group 4	Drs. Ahmed, beena Anantha , Rechelle, Drisyia
08:45am-09:30am	Group 4	Group 1	Group 2	Group 3	
09:30am-10:15am	Group 3	Group 4	Group 1	Group 2	
10:15am-11:00am	Group 2	Group 3	Group 4	Group 1	
11:00am-11:30am	OPEN DISCUSSION & TEA BREAK				
SIMULATION SESSION ( putting all together)					
11:30pm-01:00pm	Simulation Session 1 GROUP 1: Simulation session GROUP 2: Observing from conference Room				Drs. Huda/Vladislav Drisyia/Vince/Rechelle
01:00pm-02:00pm	LUNCH				
02:00pm-03:30pm	Simulation Session 2 GROUP 1: Simulation session GROUP 2: Observing from conference Room				See above
03:30pm-04:00pm	OPEN DISCUSSION & TEA BREAK				
04:00pm-04:30Pm	Written Exam				
04:30pm-05:30pm	Individual circuit priming hands-on session				
05:30pm-06:00pm	Course Feedback and Concluding Session				
Appendix I- Cannulation competency form			Appendix II -ECMO system and circuit priming		
Appendix III - Oxygenator failure and Wet joint station			Appendix IV- Air in the circuit		
Appendix V- Power failure			Appendix VI- Routine management & circuit Check		
Appendix VII- Mobilization on ECMO			Appendix VII- Simulation Scenarios		