



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



Day 1 : Theoretical training (6.5 hours)

TIME	TOPIC	SPEAKER
DAY 1: 7th March 2022		
07:30am-08:00am	Welcome, Registration and Pre-course Assessment.	
08:00am-08:30am	Introduction to ECMO and History	Huda Alfoudri
08:30am -09:00am	ECMO Physiology (VV and VA)	Mohammed Shamsah
09:00am -09:30am	ECMO Equipment and Circuit Components	Drisya Paul
09:30am -10:00am	OPEN DISCUSSION & TEA BREAK	
10:00am-10:30am	ARDS	Nawar Jabbour
10:30am -11:00am	Indications and Contraindications (VV and VA)	Huda Alfoudri
11:00am-11:30am	Starting of ECMO	Mohammed Shamsah
11:30am-12:00pm	ECMO management and weaning	Mohammed Shamsah
12:00pm-12:30pm	OPEN DISCUSSION & TEA BREAK	
12:30pm-01:00pm	Ethical Consideration in ECLS	ECMO Faculty
01:00pm-01:30pm	Cannulation and Decannulation	Ahmed Hani
01:30pm-02:00pm	Trouble shooting and Complications	Beena Yousuf
LUNCH		

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Day 2: Theoretical training (3.5 hours) and Practical (3.5 hours)

TIME	TOPIC			Faculty
DAY 2: 8th March 2022				
07:30am-08:30am	Anticoagulation on ECMO			Beena Yousuf
08:00am-08:30am	Nursing care for ECLS patients			Recehelle
08:30am-09:00am	Transfer on ECMO			Ajith
09:00am-09:30am	Nutrition Of Patients on ECLS			Tala Al-Dabbous
09:30am-10:00am	Optimization of medications on ECLS			Mona Mataqi
10:00am-10:30am	Physiotherapy / Mobilization for ECLS Patients			Anood PT
10:30am -11:00am	OPEN DISCUSSION & TEA BREAK			
Practical and hand-on Sessions				
11:00am-12:15pm	ECMO machine and circuit component (priming session)			Drisy Paul/ Wajahat
Practical Session (in 3 rotating groups) for the following stations:				
A. Type of cannulas & ECMO Confratio B. Wet Joint station C. Mobilization workshop				
12:15pm-01:00pm	GROUP A	GROUP B	GROUP C	A.Dr Huda
01:30pm-01:45pm	GROUP C	GROUP A	GROUP B	B. Dr Beena
01:45pm-02:30pm	GROUP B	GROUP C	GROUP A	C.Physiotherapy team
LUNCH				

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Day 3 : 9th March 2022 ,Practical training (6.5 hours)

TIME	TOPIC			Faculty
Trouble shooting Station :A.Pump failure B. Air in the circuit C. Routine management and circuit check				
08:00am-08:45am	GROUP A	GROUP B	GROUP C	A. Rechelle
08:45am-09:30am	GROUP C	GROUP A	GROUP B	B. Drisya / Wajahat
09:30am-10:15am	GROUP B	GROUP C	GROUP A	C. Ajith /Ansa
10:15am-10:45am	OPEN DISCUSSION & TEA BREAK			
CANNULATION/ECMO initiation Workshop				
10:45 am-11:30 am	How to setup an ECMO cannulation trolley			Dr Huda
11:30 am -01:00 pm	<u>Group 1:</u> Cannulation / ECMO initiation <u>Group 2:</u> Observation in conference room			Ahmed Hani/ /Vlad/Beena Rechelle/Ajith
01:00pm – 01:30pm	LUNCH			
01:30 pm – 03:00pm	<u>Group 2:</u> Cannulation / ECMO initiation <u>Group 1:</u> Observation in conference room			Same as above

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Day 4: 10th March 2022, Simulation sessions (10 hours)

TIME	TOPIC	Faculty
SIMULATION SESSION (putting all together)		
07:30am-09:00pm	Simulation Session 1 GROUP 1: Simulation session GROUP 2: Observing from conference Room	Drs. Huda/ Beena/ Vladislav/ Drisiya Rechelle/Ajith
09:00am-09:30am	Debriefing session	
09:30am-10:00am	OPEN DISCUSSION &TEA BREAK	
10:00am-11:30am	Simulation Session 2 GROUP 1: Simulation session GROUP 2: Observing from conference Room	See above
11:30am-12:00pm	Debriefing session	
12:00pm-01:00Pm	LUNCH	
01:00pm-02:30pm	Simulation Session 3 GROUP 1: Simulation session GROUP 2: Observing from conference Room	See above
02:30pm-03:00pm	Debriefing session	
03:00pm-03:30pm	OPEN DISCUSSION &TEA BREAK	
03:30pm-05:00pm	Simulation Session 4 GROUP 1: Simulation session GROUP 2: Observing from conference Room	See above
05:00pm-05:30pm	Debriefing session	
05:30pm-06:15pm	Post Course assessment and course evaluation	
06:15pm-06:30pm	Concluding session	

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