



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



**DAY 1: Sunday, 15<sup>th</sup> January 2023**

**VENUE: Failaka Ballroom, Radisson Blu**

TIME	TOPIC	SPEAKER
07:00am-07:30am	Welcome, Registration and Tea.	
07:30am-08:00am	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	Wajahat
09:30am-10:00am	ARDS	Nawar Jabbour
10:00am -10:30am	Indications and Contraindications (VV and VA)	Huda Alfoudri
10:30am-11:00am	OPEN DISCUSSION & TEA BREAK	
11:00am-11:30am	Starting of ECMO	Mohammed Shamsah
11:30am-12:00pm	ECMO management and weaning (VV)	Mohammed Shamsah
12:00pm-12:30pm	ECMO management and weaning (VA)	Mohammed Shamsah
12:30pm-01:00pm	Cannulation and Decannulation	Ahmed Hani
01:00pm-01:30pm	Trouble shooting and Complications	Beena Yousuf
01:30pm-02:30pm	LUNCH /PRAYER BREAK	
02:30pm-03:00pm	Anticoagulation on ECMO	Omar Bamasood
03:00pm-03:30am	Nursing care for ECLS patients	Ansa
03:30am-04:00pm	Transfer on ECMO	Omar Bamasood
04:00pm-04:30pm	OPEN DISCUSSION & TEA BREAK	
04:30pm-05:00pm	Nutrition Of Patients on ECLS	Tala Al-Dabbous
05:00pm-05:30pm	Optimization of medications on ECLS	Mona Mataqi
05:30pm-06:00pm	Physiotherapy / Mobilization for ECLS Patients	Anood PT
06:00pm-06:30pm	CLOSURE OF DAY1	

**For Course agenda, Registration, Pre and post course assessment and Course Evaluation, please refer to the website Visit <http://ecmocenterkw.com/event/al-adan-comprehensive-adult-ecmo-simulation-course-2023-01-15-2023-01-17-12/register>**



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**Day 2: Monday, 16<sup>h</sup> January 2023**

**VENUE: ICU, Al Adan Hospital**

TIME	TOPIC				Faculty
07:45am-08:00am	Welcome, Registration and Tea				
08:00am-09:00am	ECMO machine and circuit component (priming session)				Wajahat/Bisma
09:00 am -11:00 am Practical Session (in 4 rotating groups) for the following stations :					
A. ECMO Cannulas and Configuration      B. Wet Joint station      C. Mobization workshop      D. Tea break					
09:00am-09:30am	ROOM 1 A	ROOM 2 B	ROOM 3 C	ROOM 4 D	A. Dr Huda/Yuldash/ Rechelle B. Dr Beena/ Ajit C. Physiotherapy team
09:30am-10:00am	ROOM 1 D	ROOM 2 A	ROOM 3 B	ROOM 4 C	
10:00am-10:30am	ROOM 1 C	ROOM 2 D	ROOM 3 A	ROOM 4 B	
10:30am -11:00 am	ROOM 1 B	ROOM 2 C	ROOM 3 D	ROOM 4 A	
<b>CANNULATION AND ECMO INITIATION SIMULATION</b>					
11:00 am-11:45 am	How to setup an ECMO cannulation trolley				Dr Huda
11:45 am-01:45pm	Cannulation / ECMO initiation (In 2 groups) GROUP 1: Anesthesia meeting room GROUP 2: Simulation room				Dr Omar / Vlad/ Ahmed Hani/ Yuldash/ Bisma/Wajahat
01:45 pm-02:45 pm	<b>LUNCH /PRAYER BREAK</b>				
02:45pm-04:45 pm Trouble shooting simulation Stations :					
A.Pump failure    B. Air in the circuit    C. Routine management and circuit check    D. Access insufficiency / return obstruction					
02:45pm-03:15pm	ROOM 1 A	ROOM 2 B	ROOM 3 C	ROOM 4 D	Dr Beena/ Ahmed Hani/ Wajahat/ Bisma/ Ajith / Rechelle/ Ansa
03:15pm-03:45pm	ROOM 1 D	ROOM 2 A	ROOM 3 B	ROOM 4 C	
03:45pm-04:15pm	ROOM 1 C	ROOM 2 D	ROOM 3 A	ROOM 4 B	
04:15pm-04:45pm	ROOM 1 B	ROOM 2 C	ROOM 3 D	ROOM 4 A	
04:45 pm-05:00 pm	<b>CLOSURE OF DAY2</b>				



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**Day 3: Tuesday, 17<sup>th</sup> January 2023**

**VENUE: ICU, Al Adan hospital**

TIME	TOPIC	Faculty
<b>SIMULATION SESSION ( putting it all together)</b>		
<b>08:00am-08:30am</b>	<b>Pre-Brief and simulation introduction</b>	<b>Dr Huda</b>
<b>08:30am-09:00am</b>	<b>Introduction to transport system on ECMO</b>	<b>ECLS faculty</b>
<b>09:00am-10:00am</b>	<b>Simulation Session 1</b> GROUP 1: Simulation session GROUP 2: Observing from conference Room	<b>Drs. Huda/ Beena/ Vlad/ Wajahat/ Edison/ Rechelle /Ajith/Ansa</b>
<b>10:00am-10:30am</b>	<b>Debriefing session</b>	
<b>10:30am-11:00am</b>	<b>OPEN DISCUSSION &amp;TEA BREAK</b>	
<b>11:00am-12:00pm</b>	<b>Simulation Session 2</b> GROUP 1: Simulation session GROUP 2: Observing from conference Room	<b>See above</b>
<b>12:00pm-12:30pm</b>	<b>Debriefing session</b>	
<b>12:30pm-01:30pm</b>	<b>Simulation Session 3</b> GROUP 1: Simulation session GROUP 2: Observing from conference Room	<b>See above</b>
<b>01:30pm-02:00pm</b>	<b>Debriefing session</b>	
<b>02:0pm-03:00pm</b>	<b>LUNCH/PRAAYER BREAK</b>	
<b>03:00pm-04:00pm</b>	<b>Simulation Session 4</b> GROUP 1: Simulation session GROUP 2: Observing from conference Room	<b>See above</b>
<b>04:00pm-04:30pm</b>	<b>Debriefing session</b>	
<b>04:30pm-05:00pm</b>	<b>OPEN DISCUSSION &amp;TEA BREAK</b>	
<b>05:00pm-05:45pm</b>	<b>Post Course assessment and course evaluation</b>	
<b>05:45pm-06:00pm</b>	<b>Concluding session</b>	

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