



ZAH 14 November 2024

ECLS Cannulation

08h00	Welcome
08h10	Build a Circuit
08h30	An Introduction to ECLS
09h00	Catheter Jargon
09h30	Cookies and Cream
10h00	VV Access routes
10h30	VA Access routes
11h00	Operation Headquarters
11h15	Shine a Light
11h45	Time for Beddy-bye-bye
12h15	Nuncheon
13h00	Just do it
16h00	To do or not (to do)
16h30	At the End of a Perfect Day
16h45	Things that go BEEP
17h00	When all is said and done

This course is aimed at healthcare providers involved in the initiation of adult ECMO Support and the curriculum is designed to equip participants with the knowledge and practical skills necessary for effective and save ECLS cannulation and improving patient outcomes in life threatening situations.

It augments but does not replace the ECMO Provider Course that concentrated on the management and troubleshooting of the patient on the ECMO run.

Extra-Corporeal Life Support Cannulation Course

08h00	Welcome	<i>Norbert Welkovics</i>
08h10	Let's Build a circuit Understanding the components and limitations of the circuit	<i>Norbert Welkovics</i>
08h30	Introduction ECLS history, development and types of support	<i>Norbert Welkovics</i>
09h00	Catheter Jargon Avelon, drainage, return and re-perfusion catheters with sizing, flows, positions and physics	<i>Norbert Welkovics</i>
09h30	Cookies and Cream – Moring break refreshments	
10h00	VV Access routes Peripheral single, dual and hybrid configurations	<i>Norbert Welkovics</i>
10h30	VA Access routes Dual and Hybrid configurations with re-perfusion cannula and limb-monitoring	<i>Theo de Klerk</i>
11h00	Operation Headquarters Where to catheterize; ICU vs AOT vs Emergency	<i>Norbert Welkovics</i>
11h15	Shine a light Confirmation of Catheter positioning during cannulation	<i>Jana Pretorius</i> <i>Marlice van Dyk</i> <i>Norbert Welkovics</i>
11h45	Time for Beddy-bye-bye Procedural sedation and resuscitation	<i>Marlice van Dyk</i>
12h15	Nuncheon – Midday lunch	

Extra-Corporeal Life Support Cannulation Course

13h00	Just do it Simulation and wet runs with problem solving	<i>Martin Ellis Antoinette van Vuuren Tau Medical Norbert Welkovics Marlice van Dyk Theo de Klerk</i>
16h00	To do or not (to do) e-CPR	<i>Norbert Welkovics</i>
16h30	At the end of a Perfect Day Ending the ECLS run and decannulation	<i>Norbert Welkovics</i>
16h45	Things that go BEEP Complications during cannulation and their management	<i>Norbert Welkovics</i>
17h00	When all is said and done Summary, Conclusion and feedback	<i>Norbert Welkovics</i>