



Masters of Resuscitation 2023

CONFERENCE 7, 8 & 9 SEPTEMBER 2023, WANDERERS, JHB, SOUTH AFRICA
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Thursday 7 Sept '23 08:00

ECMO CPR COURSE – CPD accredited – ECMOSA endorsed.

Realistic ECPR scenarios in a high-fidelity simulation environment.

Practice the process of correct patient Identification, system setup for ECPR and Priming, Connecting to the ECMO system as well as trouble shooting and handing over to the ECMO Physician

Target Audience: ICU & ED Nurses, Emergency Physicians, Paramedics, Perfusionist & Critical Care Technologists

8:00 - 08:15	Coffee and Welcome	Both courses combined session	Marlice van Dyk
8:15 - 08:30	What is ECPR		Marlice van Dyk
8:30 - 09:00	ECPR Internationally		Neville Vlok
9:00 - 09:30	High quality CPR (Optimize CPR) How to optimize BLS + ALS before ECPR? "15 Automatic Chest Compression Devices "15		MJ Slabbert-Keilty
09:30 - 10:15	09:30 - 10:30: ECMO CPR theory – recap on pre-course reading "15 <ul style="list-style-type: none"> • Activation criteria (Indications & Contra Indications) "15 • Trauma & Medical 		Norbert Welkovics
10:15 – 10:45	Indications & Pre-Hospital ECMO & How to set up a team		Hugo Minnaar
10:45 - 11:15	Coffee break		
11:15 – 12:30	Dealing with the machine. <ul style="list-style-type: none"> • Circuit components • Priming and set-up for VA ECMO • Complications during VA ECMO 	Cannulation Course only	Henli Faber Antionette Roux Evette le Roux
12:30 – 13:30	LUNCH		
13:30 – 14:30	Practical: Priming the Machine (Groups of 3)		All
14:30 – 15:00	Practical: Simulation ECPR & Complications		All
15:00 – 16:00	The patient is on VA ECMO, What now? <ul style="list-style-type: none"> • Searching for causes of cardiac arrest • Transport to ECMO Centre 		Theo de Klerk Hugo Minnaar
16:00 – 17:00	Simulation & Discussions <ul style="list-style-type: none"> • Handing over to the ECMO Specialists • Patient cannulation management in the ICU • ECMO-related complications (bleeding, limb ischemia, RRT 	Combined	All

