ECMO Trainer Professional MK2



Simulator for training of extracorporeal Oxygenation



Made in ♥ Germany. Exclusively at Erler-Zimmer!

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This training model features an arterial and venous circulation

Both operated with automated pumps which can be adjusted in flow volume and pulsating rate. A real patient can be simulated with all possible conditions that may happen during the procedure. The model is suitable for VA- and VV-ECMO.



The puncture and cannulation can be practiced using real materials and instruments

The arteries do have a lumen of 8 mm, the veins of 10 mm. This allows the use of common catheter types without any problems. The puncture pads (one each at left and right femoral puncture site and one at the jugular puncture site) are made of ultrasound capable material. This allows ultrasound control of the needle until it reaches the vessel tube. The Trainer can be used with a real ECMO machine and provides realistic fluid volume for realistic operation of the machine.



The tubing reservoirs are integrated into the models base invisibly

The tubing reservoirs are integrated into the models base invisibly, the base also works as lower part of the transport case with trolley rollers. The water reservoir and pump system are separated and can be connected to the trainer easily by quick lock connectors.

Vein leg Artery leg



To learn more about our ECMO Trainer. Watch our video:





Experts in medical education since 1950

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