



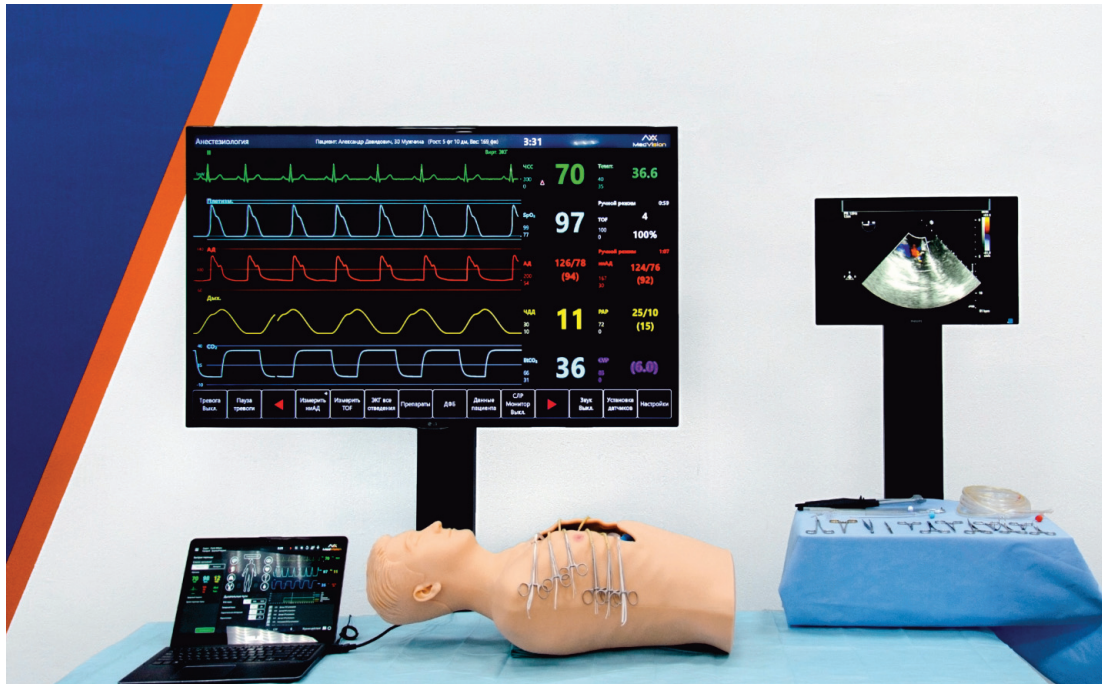
MedVision

Bakulev CPBSS

Cardiopulmonary Bypass
Surgery Simulator



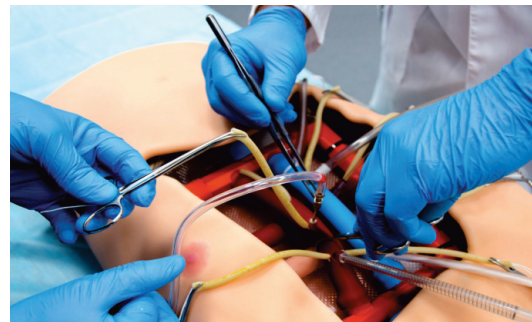
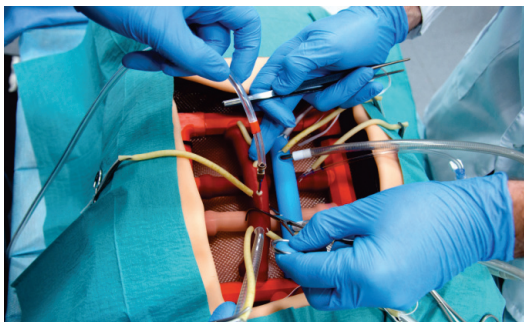
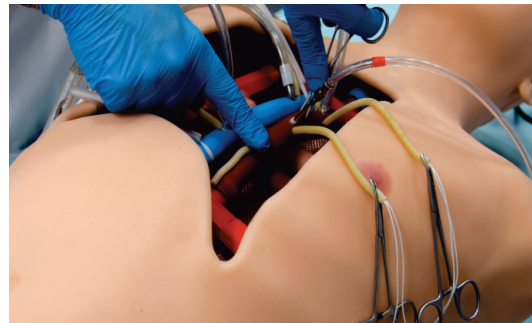
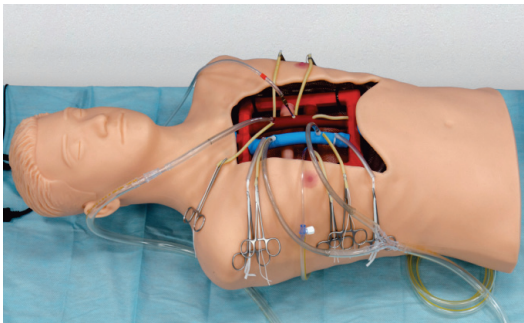
Cardiopulmonary Bypass Surgery Simulator



A simulator for practicing the basic technical skills in cardiopulmonary bypass supported heart surgery using the Teacher Cardio software and a set of scenarios.

Turnkey solution for training young healthcare professionals and supporting advanced professional training, CME courses and accreditation.

- The adult patient head and torso with access to the vessels of the venous and arterial segment in the chest area
- A removable blood vessels imitation module
- Controlling simulation and patient parameters using the Teacher Cardio software with pre-installed scenarios
- The simulator set includes an all-in-one PC to imitate a bedside monitor and a display to demonstrate images of a TEE test





List of equipment:



Adult patient head and torso - 1 pc
 Display - 2 pcs
 Laptop - 1 pc
 Teacher Cardio, Bedside Monitor software
 Dry removable module imitating inferior and superior vena cava, aorta, pulmonary artery and vein - 1 pc
 Anaesthesia screen - 1 pc
 J-tip wire-reinforced venous cannula for cardiopulmonary bypass - 1 pc
 J-tip wire-reinforced aortic cannula for cardiopulmonary bypass - 1 pc
 Catheter for left heart catheterization - 1 pc
 Head up/down tilt table equipment - 1 pc
 Surgical drape sheets - 4 pcs
 Vascular forceps - 1 pc
 Curved Billroth hemostatic forceps - 8 pcs
 Angled jaws aorta vascular clamps - 1 pc
 Towel clamp - 8 pcs
 Straight surgical clamps for cardiopulmonary bypass machine and cannulae - 3 pcs
 Purse string suture tourniquet - 6 pcs
 Vena caval tourniquet - 2 pcs
 Cardiovascular tourniquet stylet - 1 pc
 Vascular tape, 20 cm - 2 pcs
 Dissector to simulate cannulation - 1 pc
 Cardioplegia cannula (Dufaut needle imitation) - 1 pc
 Loop tubing 3/8, 100 cm - 1 pc
 Left ventricular drainage tubing 1/4, 100 cm - 1 pc
 Cardioplegia tubing 1/8, 100 cm - 1 pc
 Y connector 3/8-3/8-3/8 - 1 pc
 Leur lock adapter, 3/8-3/8 - 1 pc
 Scalpel No.11 1 - 1pc

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