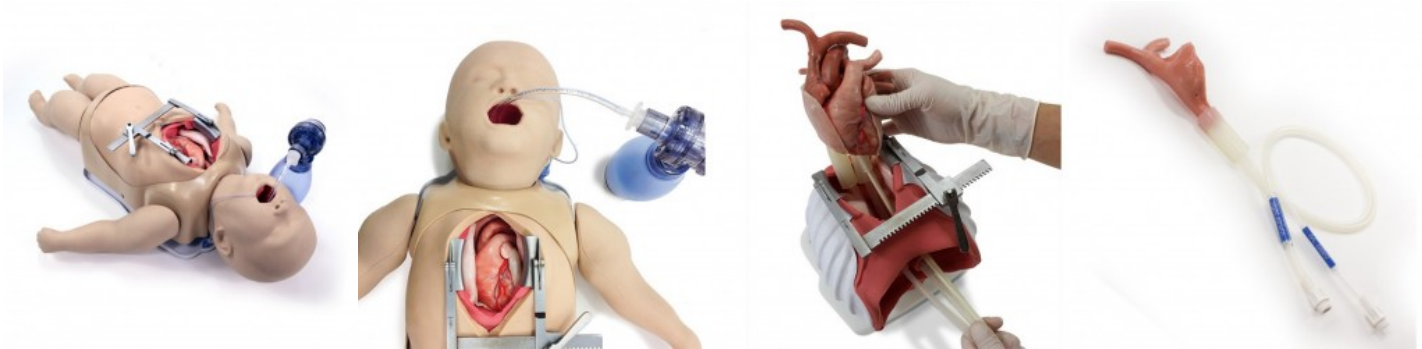# Surgical pediatric simulator with a cardio-thoracic module

Price inquiry: +48 605999769, kontakt@openmedis.pl

Product code: SM02333

A professional, full-size phantom (torso + limbs) adjusted in shape and size to an average size of a 14-month-old baby designed for high fidelity pediatric cardiac and general surgery training (unlike other mannequins that simulate only basic physiology, this simulator "moves the surgical instruments"), enabling important steps to be performed by operational teams to optimize children's performance, safety and outcomes. It is a platform for simulating the challenge of achieving hemostasis during an emergency return to the operating room. With the purchase of the simulator, a quick start guide is included, which provides tips on how to prepare a simulation session.

Specification:

- full-size phantom (torso + limbs) adjusted in shape and size to an average size of a 14-month-old baby
- realistic beating heart: with right and left ventricles, pericardium and a replaceable system in the form of the right atrium and aorta adapted to cannulation. It Can be powered and synchronized with the patient monitor output for increased realism - there is a sutured IVC, bleeding site in the right atrium
- realistic ventilated lungs and breathing,
- bleeding function realistic,
- soft to the touch limbs
- an ambulatory pulse felt on the radial arteries
- head, trachea and lungs adapted for intubation
- the set includes 2 dedicated skins adapted to cutting
- retractable sternum
- heartbeat controller with pulse - 4 pre-programmed heart rates: 60, 90, 120 or 160 beats per minute, and also control the strength of the pulse from weak to strong. '
- protective case for transport
- quick reference guide that provides tips on how to prepare a simulation session.

Spare parts:

- right atrium of the heart with the possibility of clamping, cannulating, suturing. Contains hidden bleeding sites.
- aorta with the possibility of clamping, cannulating
- suturing removable leather suitable for cutting