

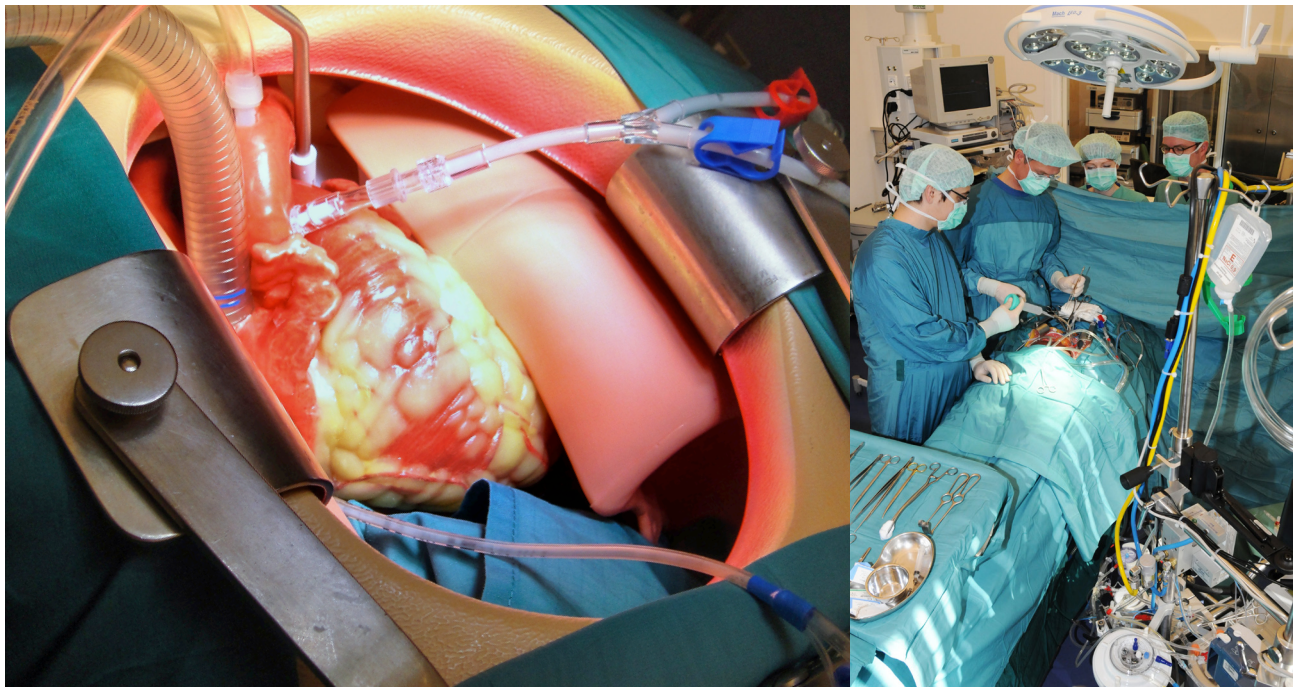


thechamberlaingroup

# Perfusion Beating Heart Trainer with New Cannulatable Beating Heart

Product #1362

Complete Your Team and Bring the Virtual Patient Off the Screen for Emergent Cardiopulmonary Bypass Training



## Offer Repeatable “Hands-In” Experience for Your Entire Multi-Professional OR Team

When the goal is improving patient safety—whether at the level of Primary Education, Crisis Management or Collaborative Team Training—the most important person in the room is always your patient. Effective crisis training should not take place during an actual crisis. **Our Perfusion Beating Heart Trainer with Cannulatable Beating Heart makes physical the physiological data expressed by your Perfusion Simulator**, reproducing the movement and rhythm of the patient’s cardiopulmonary system within a ventilateable and operative anatomical torso. This pairing enables all the members of your cardiac surgical team to rehearse their roles, in a fully immersive, realistic environment, for a proactive approach to patient safety.

**TO ORDER CALL: +1.413.528.7744 or 800.562.7569**

**[thecgroup.com](http://thecgroup.com)**

# Perfusion Beating Heart Trainer

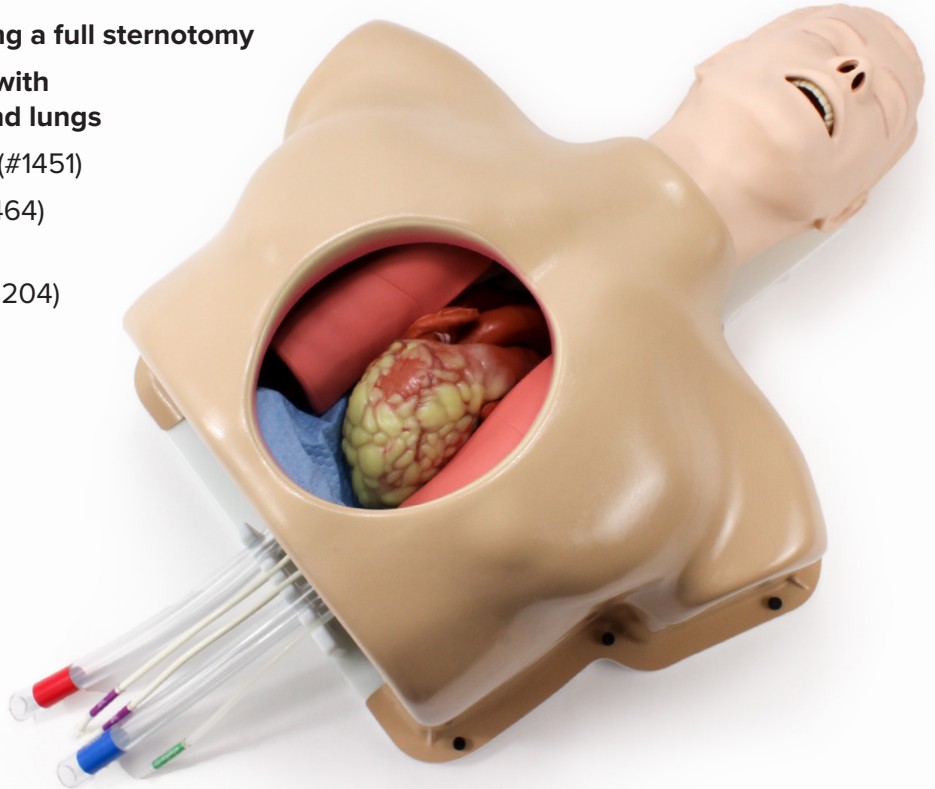
The Chamberlain Group's Perfusion Beating Heart Trainer renders corporeal the virtual physiological data of your Perfusion Simulator in a high-fidelity, simulated human patient, for enhanced psychological realism in immersive training.

## INCLUDES

- Anatomical torso representing a full sternotomy
- Airway management model with intubateable head, airway and lungs
- Cannulatable Beating Heart (#1451)
- Beating Heart Controller (#1464) and Shipping Case (#1402)
- Air Compressor (#1472) or (#1204)



#1464 and #1402



#1362



#1472

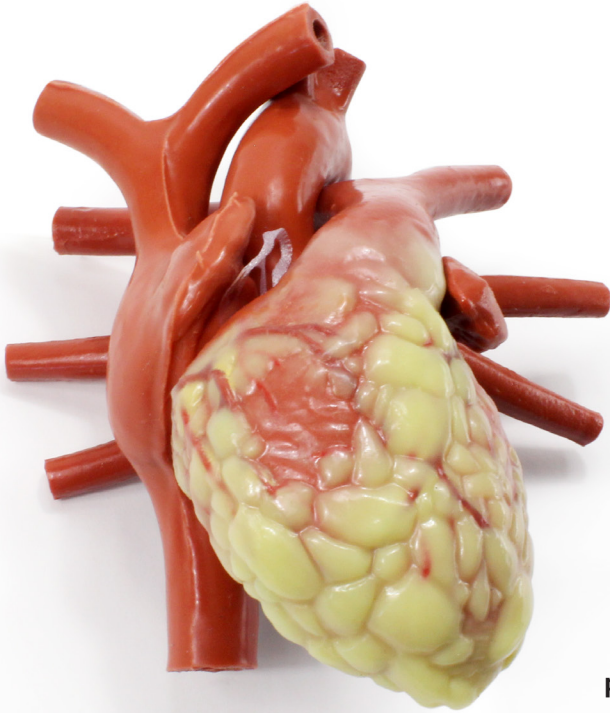
## ALLOWS FOR

- Intubation and Airway Management
- Cannulae Placement and Suturing
- Circuit Priming
- X-clamp Application and Arterial Line Pressure Management
- Antegrade Cardioplegia Delivery
- Coronary Artery Bypass Grafting (CABG)

**Currently under development—Retractable Sternum for Perfusion Beating Heart Trainer** A rigid sternum encased in lifelike tissue, these replaceable bibs will further expand the Trainer's capabilities providing opportunity for the practice of medial sternotomy including: incision, division, retraction, drilling, wiring, suturing and resternotomy.

# Cannulatable Beating Heart

the latest update to our  
Perfusion Beating Heart Trainer



#1451

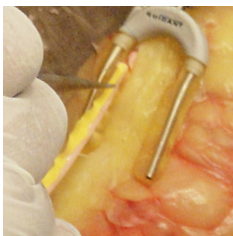
Distinguished by its fully cannulatable and suturable Right Atrium and Aorta, our Cannulatable Larger Beating Heart (#1451) is a highly detailed, mimetic tissue model with extended vasculature. Designed to answer the need for cost-effective, life-like anatomy—the heart's modular chambers and aorta are replaceable and easily exchanged—for deliberate practice without the use of animal tissue. The Cannulatable Larger Beating Heart provides a realistic representation of a patient with a larger body type (adult over 5'8" or 173 cm). It takes its cues from your Perfusion Simulator, physically manifesting changes in heart rate, in real time.

**Cannulatable and suturable Right Atrium and Aorta accept pressurized fluid flow to 180 mmHg. The Aorta is configured to allow cross-clamping and antegrade cardioplegia introduction.**

## INCLUDES

- Replaceable Right Atrium (#1453)
- Replaceable Aorta (#1454)
- Vent in Aortic Root for antegrade cardioplegia
- Replaceable Left Atrium (#1452)
- Beating Right and Left Ventricles

## OPTIONAL



#1452



#1453

#1454

The heart is available with **CABG sites** (#1456) for off-pump or arrested heart anastomotic procedures. Please specify when ordering.

**TO ORDER CALL: +1.413.528.7744 or 800.562.7569**    [info@thecgroup.com](mailto:info@thecgroup.com)



Engage Your Entire Surgical Team in Emergent Cardiac Procedures

Extend the Capabilities of Your Perfusion Simulator

Expand the Range of Your Training Scenarios



## Perfusion Beating Heart Trainer with New Cannulatable Beating Heart

Complete Your Team and Bring the Virtual Patient Off the Screen  
for Emergent Cardiopulmonary Bypass Training

- Crisis Management Drills
- Clinical Skills Assessment
- Protocol Development
- Resident Training
- Clinical Team Training
- Perfusionist Training



**thechamberlaingroup**

Call +1.413.528.7744 or 800.562.7569  
info@thecgroup.com