

Heart Case

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Heart Case provides surgical learners with a platform for deliberate practice of basic cardiac operative skills in a safe, repeatable environment. Heart Case is a compact thorax including the pertinent adult anatomy of a full sternotomy opening (approx. 5" x 7") without the bulk or expense of a full thorax.

Designed specifically to address the hands-on needs of the cardiothoracic resident, the platform is intended for training:

- Coronary Artery Bypass Grafting, both Proximal and Distal Anastomoses
- Aortic Valve Implantation
- Aortic Cannulation
- End-to-Side Anastomosis on small vessels
- Mitral Valve Procedures

The positionable arm and mating plates enable the use of many of our cardiothoracic trainers within the anatomical context of a sternotomy. Rapid interchange is then possible from user to user and procedure to procedure. For aortic and vessel anastomoses the anatomy may be filled with fluid or air via a mating luer lock on the supporting stand to test for "hemostasis." Suturing may be preserved and presented to mentoring faculty for review and progress assessment. HEART CASE includes:

- Suitcase Thorax with Full Sternotomy
- Positionable Arm
- Heart Cradle to accept CABG Heart
- Vessel Anastomosis Stand
- Vessel Stabilizing Clip
- Mitral Valve Mating Plate
- Aortic Root Mating Plate
- Aortic Cannulation & Proximal Anastomosis Stand
- Carrying Case

SUGGESTED FOR USE WITH HEART CASE TRAINER

- New Mitral Valve Prolapse, delicate prolapsed posterior leaflet for training in incision and suture repair
- Mitral with Atria, for training mitral valve repair
- 4" Aorta, 10cm length suturable aorta for cannulation and proximal anastomosis
- Aortic Root anatomically accurate for valve implantation training
- CABG Heart, patent
- CABG Beating Heart
- Native Coronary Artery segments for CABG sites, 10 pack



- Mini-Sternotomy Bib
- 3mm or 4mm Target and Graft Vessels
- Portable Light