Simulation in Cardiac Anatomy, Echocardiography and Lung Ultrasound
**Interactive 3D heart with over 135 intra-cardiac structures labelled**
**Integrated and comprehensive anatomy textbook**
**30 heart and lung pathology cases**
**Gold standard TTE & TEE imaging planes**

**REALISTIC DOPPLER**
- Colour, pulsed wave and continuous wave doppler in all regions of all patient cases
- M-Mode, Biplane, and measurements & calculations package with reporting functionality

**TRANSTHORACIC ECHOCARDIOGRAPHY (TTE)**
- Comprehensive TTE scanning using the TTE probe
- Accurate, palpable anatomical landmarks to aid TTE probe positioning

**CADIAC ANATOMY & PATHOLOGY**
- Interactive 3D heart with over 135 intra-cardiac structures labelled
- Integrated and comprehensive anatomy textbook
- 30 heart and lung pathology cases
- Gold standard TTE & TEE imaging planes

**TRANSESOPHAGEAL ECHOCARDIOGRAPHY (TEE)**
- True-to-life TEE examinations using the TEE probe
- Controls for ante and retroflexion, lateral flexion and omniplane rotation

**CART-BASED SYSTEM**
- Manoeuvrable, adjustable cart with accompanying manikin table
- Designed to mimic true-to-life ergonomics

**e-learn courses available**
Developed by leading clinicians in cardiac anesthesiology. HeartWorks® is recognized globally as the leading simulation system for education in cardiac anatomy, echocardiography and lung ultrasound, with 30 interactive pathology cases.

Comprehensive education in cardiac anatomy, TTE and TEE. HeartWorks® provides the gold-standard imaging views for 20 TTE and 28 TEE imaging planes, meaning trainees can learn to acquire these views without the need for supervision.

Interactive and accurate cardiac simulation. Fully explore and understand anatomy as it relates to the ultrasound images. For every case there is an anatomically accurate and fully interactive 3D heart which can be rotated, sliced in any direction and highlighted.

Combine HeartWorks with the BodyWorks simulator for a complete PoCUS & echocardiography solution.

“HeartWorks is an essential addition to any unit offering an ultrasound and echocardiography service, or trying to teach such skills.”

Dr Craig Morris
Consultant Intensivist & Anaesthetist, Royal Derby Hospital, UK.
Emeritus Professor of Cardiac Morphology, Institute of Child Health
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