



MedaPhor

INTELLIGENT ULTRASOUND

 BODYWORKS | Eve

Realistic simulation in Point of Care
Ultrasound & Echocardiography

Over 100 patient cases and 10,000 pathology variations to challenge critical thinking skills

The tablet displays the 'BODYWORKS' app interface. On the left, a human torso is shown with various organ icons. At the bottom left, there are sliders for Heart Rate (HR) and Respiratory Rate (RR). The HR slider is set to 80, and the RR slider is set to 27. On the right side of the screen, there is a list of pathology cases for the Pelvis. The selected case is 'Ectopic Left Adnexa'. Below the list, there are buttons for 'Current Pathology' and 'Reset'. At the bottom right, there is a checkbox for 'Auto Apply' which is checked.

Bodyworks

Pelvis

- Normal Pelvis
- Mild fluid PoD
- Moderate Fluid PoD
- Severe Fluid PoD
- IUP - 6 Weeks
- Ectopic Left Adnexa**
- Ruptured Ectopic Left Adnexa
- Ectopic Right Adnexa

HR 80
RR 27

Current Pathology Reset

Auto Apply



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BodyWorks Eve is an ultra-realistic female patient simulator designed to facilitate scenario training in Point of Care Ultrasound (PoCUS).

Complete with **100 patient scans** and **over 10,000 pathology variations** across cardiac, lung, transabdominal and pelvic ultrasound, BodyWorks Eve is designed to meet the training needs of healthcare professionals who wish to practise **PoCUS in Emergency Medicine and Critical Care.**

BodyWorks Eve can also be expanded to include a comprehensive education in cardiac anatomy and echocardiography through the addition of HeartWorks **TEE & TTE** functionality.



Realistic scenario training

Doctors can test diagnostic skills in simulated scenarios and learn:

- ELS, FAST, eFAST, FICE and RUSH protocols
- Recognition of abnormalities and pathology
- Assessment skills to guide decisions for patient referral or discharge
- Doppler and M-mode functions



CRITICAL
CARE



HEART &
LUNG



EMERGENCY
MEDICINE

Core clinical applications

- Basic cardiac
- Basic trauma/eFAST
- Simple assessment of fluid status
- Assess potential spaces for free fluid
- Simple lung assessment
- Simple early pregnancy assessment

Scan in real-time to acquire thoracic,
abdominal and pelvic images



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Flexible teaching & supported learning...

BodyWorks Eve provides access to real patient-based training where doctors can work through cases independently and at their own pace.

Over 10,000 pathology variations are available to enable the tutor to further extend doctors' assessment skills.

Our easy-to-use operating tablet allows tutors to create engaging scenarios to deliver highly effective simulation-based training. Clinical realism is greatly enhanced while critical thinking and patient management skills are extensively challenged.

Perform True-to-Life Patient Examinations

Scan from the clavicle to the pelvis with seamless transition between cardiac and abdominal probes.

Emergency Medicine Protocols

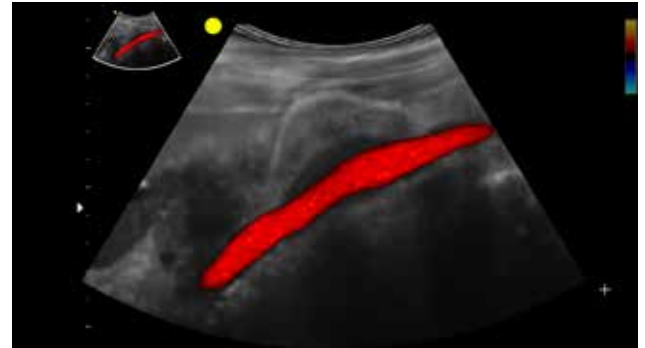
Scan patient cases pre-grouped into Emergency Medicine protocols e.g. eFAST.

Real Patient Lists

Work through over 100 cases typical of Point of Care ultrasound in Critical Care and Emergency Medicine.

Active Scenarios

Over 10,000 pathology variations support tutor-led scenario training to challenge doctors' assessment skills.



Fusiform Abdominal Aneurysm

Diagnose abnormalities and pathology

Multiple pathology models have been created to facilitate the ultrasound evaluation of patients with structural and functional disturbances.



Extend learning of complex diagnoses through scenario training

The Instructor Tablet enables the tutor to run scenarios 'on the fly' and easily change the patient's condition and level of severity to test assessment and decision-making skills.



Expand your training to include TEE and TTE
with HeartWorks

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HeartWorks is recognised globally as the leading simulation solution for education in cardiac anatomy and echocardiography, and can be integrated into BodyWorks Eve. This allows tutors to further expand their training programmes with TEE and TTE simulation... all on one manikin!

Learn cardiac anatomy

Slice and remove sections of the beating, interactive 3D heart model to reveal underlying structures that have been annotated, labelled and described. An integrated text book facilitates a comprehensive understanding of cardiac anatomy.

Develop TEE & TTE probe manipulation skills

The manikin has palpable anatomical landmarks to aid TTE probe positioning. The TEE probe with authentic controls enables users to practise and visualise multiplane probe positioning.

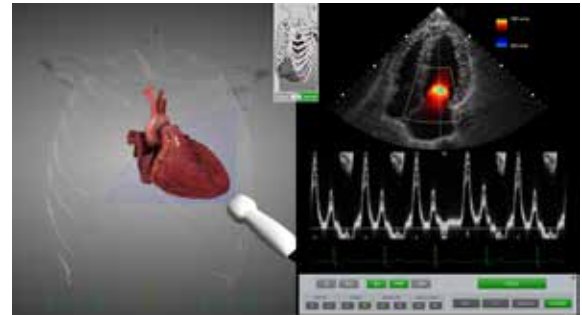
The split screen display of the 3D heart and corresponding ultrasound views allows for a greater understanding of anatomical relationships between these images and their accurate interpretation.

Recognise cardiac pathology

HeartWorks pathology models for both TEE and TTE imaging have been created to facilitate the echocardiographic evaluation of patients with structural and hemodynamic disturbances of the heart and lungs.

Apply realistic Doppler & M-mode

Colour and spectral Doppler modalities are available along with the tools with which to make accurate quantitative assessment of cardiac function. Pulsed and continuous wave Doppler information can be obtained from any intra-cardiac region.



Mitral Regurgitation with Colour & Pulsed Wave Doppler

Increase the fidelity of scenarios with iSimulate*



The iSimulate Facilitator iPad allows the tutor to change vital signs including heart rate and respiratory rate to increase the complexity of the scenario. **The iSimulate Patient Monitor** is wirelessly linked to the Facilitator Tablet to display the physiological changes being made by the tutor during the scenario.

**iSimulate can be purchased separately*

BodyWorks Eve can be purchased in the following modalities:

- *BodyWorks Eve PoCUS*
- *BodyWorks Eve PoCUS with HeartWorks (TEE/TTE)*

MedaPhor is proud to work closely with healthcare educators from around the world to develop market leading simulators and learning systems that will help better prepare and support clinicians in the care of their patients.



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