BODYWORKS - Point of Care Ultrasound (POCUS)

PRODUCT NUMBER: 1633

DESCRIPTION:

The new BodyWorks is an **ultra-realistic ultrasound simulator** for androgenic patients, representing the male and female body, designed for **interactive Point of Care Ultrasound (PoCUS) scenario training** and our latest version has a host of new features to make your programs even more successful.

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

SKILLS:

- ELS, FAST, eFAST, FICE and RUSH Protocols

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- Probe manipulation skills
- Recognition of common abnormalities and pathology
- Assessment skills to guide decisions for patient referral or discharge
- Doppler and M-mode functions

CASES AND PATHOLOGIES:

- Cardiothoracic ultrasound
- Lung ultrasound
- Pelvic ultrasound
- Abdominal ultrasound
- FAST Scans
- Probe manipulation
- Renal mass (renal cell carcinoma)
- Consolidated lung
- 11 week IUP with heartbeat
- Pancreatic mass

CHARACTERISTICS:

FLEXIBLE TEACHING:

- BodyWorks provides access to real patient-based training where doctors can work through cases independently and at their own pace.
- Over 100 patient cases using real patient scans will develop diagnostic skills and recognition of common abnormalities in emergency medicine to guide evaluation and decision making for patient referral or discharge.

COMPLEX DIAGNOSES LEARNING THROUGH SCENARIOS:

- 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.
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- Allows the tutor to change vital signs including heart rate, respiratory rate, blood pressure and EKG to increase the complexity of the scenario.

PERFORM TRUE-TO-LIFE PATIENT SCENARIOS:

- Scan in real-time from the clavicle to the pelvis with seamless transition between cardiac and abdominal probes. Multiple pathology models have been created to facilitate the ultrasound evaluation of patients with structural and functional disturbances

- Our easy-to-use operating tablets enable the tutor to create engaging and dynamic scenarios to deliver highly effective simulation-based training.
- Clinical realism is greatly enhanced while critical thinking and patient management skills are extensively challenged.

CUSTOMISABLE PATIENT LIST:

- This new feature allows tutors to create their own patient cases from any of the pathologies on the system and create tailored clinical information.
- Tutors can easily access their own customised patients from the tablet, making exams highly variable in content and simple to run.

PATIENT APPEARANCE ENHANCEMENTS:

- Realistic lungs, including lung point, barcode sign, seashore sign, A-Lines and general appearance of the lungs.
- All pleural fluid cases
- Cholecystitis
- AAA cases
- Diaphragm
- Dilated CBD
- Liver metastases (increased number of lesions)

INCLUDE:

- 1 Highly realistic torso
- 1 Transabdominal probe
- 1 Transthoracic probe
- 1 PC or Laptop
- 1 Screen
- 1 Instructor tablet
- 1 Patient monitor
- 1 Set of 113 Patient cases (software)
- 1 POCUS Software
- 2 Carrying cases
- 1 User guide

ADDITIONAL MODULES:

PATIENT MONITOR iSIMULATE (option):

- Wirelessly linked to the Facilitator Tablet to display the physiological changes being made by the tutor during the scenario.

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EXPAND YOUR TRAINING FURTHER WITH TEE AND TTE (option):

- BodyWorks can also be expanded to include a comprehensive education in cardiac anatomy and echocardiography through the addition of HeartWorks TEE TTE functionality.
- When practising TTE and TEE probe handling skills, trainees can observe probe positioning in relation to the virtual, beating 3D heart with effects on imaging in real time.
- Doppler modalities (CFM, PWD, CWD) and M-mode are available along with the tools with which to make accurate quantitative assessment.

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