



INTELLIGENT  
**ULTRASOUND**<sup>®</sup>  
*for smarter scanning*

Over 20 years of  
**world class simulation**



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**ULTRASOUND**<sup>®</sup>  
*for smarter scanning*

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**Making ultrasound easier to  
learn and simpler to teach**

## SMARTER SOLUTIONS

for Ultrasound Learning



20 years of Smarter Simulation

Get in touch today:

[hello@intelligentultrasound.com](mailto:hello@intelligentultrasound.com)  
[intelligentultrasound.com](http://intelligentultrasound.com)





## Customer Insights

### Real-world success stories

Hear directly from our users about their experiences with our products. These testimonials highlight how our solutions have transformed their training, improved their skills, and addressed their specific needs in ultrasound education.

“ We have all used different simulators from different manufacturers and we believe this one from Intelligent Ultrasound is the best one that we have used. ”

Thomas Pahl, PA-C  
HQ.MED.ED

“ We would recommend that anybody who is serious about offering high quality immersive ultrasound training uses a BodyWorks Eve® as an integral part of their training programme. ”

Mike Kirk, Jane Arezina, Sandra Morrissey  
The University of Leeds

“ With significant investment going into the expansion, we wanted to make sure we were getting the right products for our students. We reached out to colleagues from other centers. Hands down, they recommended Intelligent Ultrasound. ”

Dr Melissa Fitch  
The University of Evansville

“ You could scan a phantom, but you get a lot more of the psychomotor scanning skills using a high-quality simulator. ”

Rose McCalla-Henry  
Nova Southeastern University

“ Since implementing ScanTrainer® into our programs, not a single student has failed the transvaginal obstetrics and gynaecology module. ”

Naomi Brown  
The University of Hertfordshire

“ Our CRNA faculty had prior exposure to the HeartWorks®-BodyWorks® system and were adamant that the system was the most appropriate training option to meet their needs. ”

Emily McIntire  
Michigan State University College of Nursing

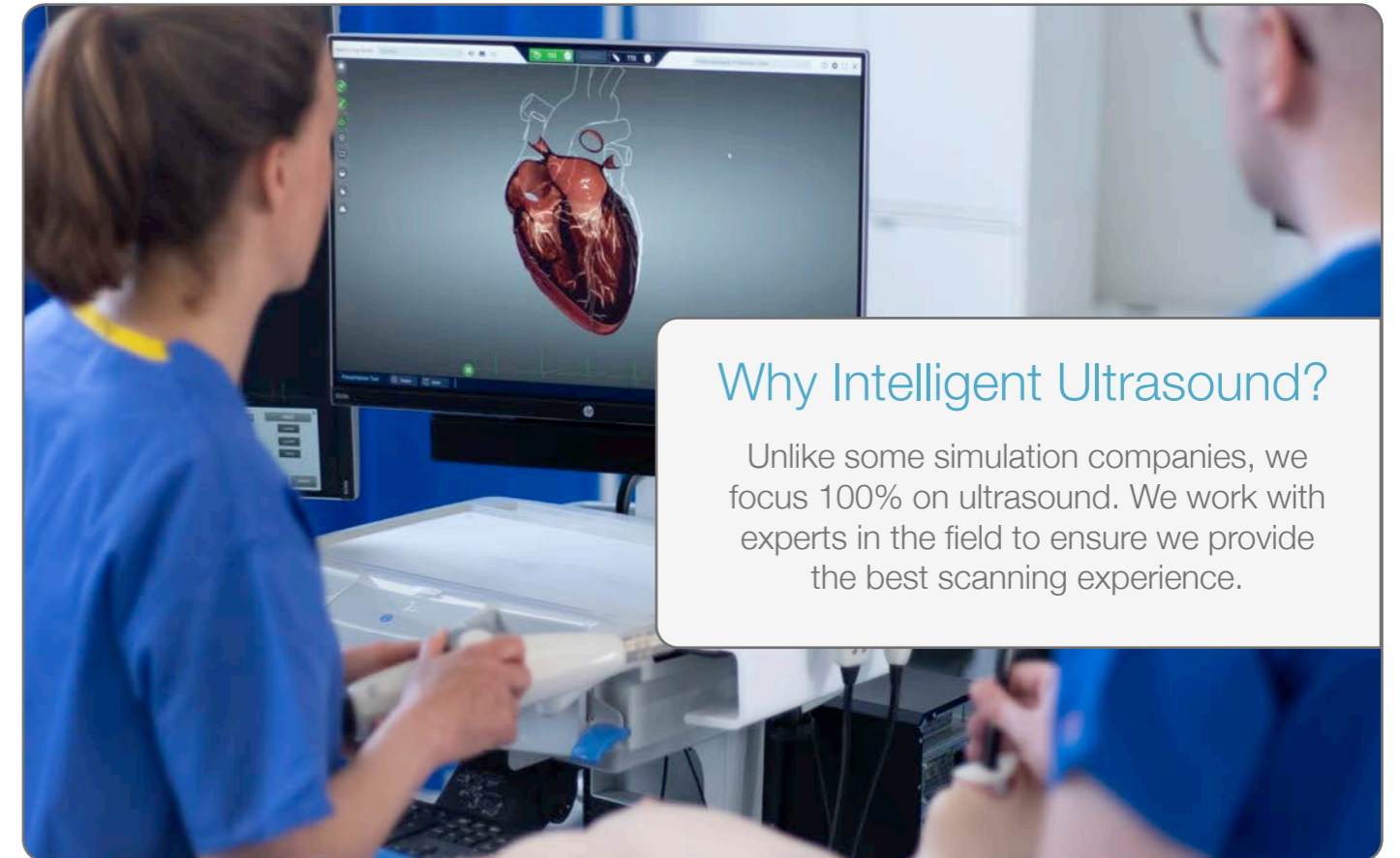
## Read More Customer Stories



SCAN ME

## Why Invest in Simulation?

High-fidelity ultrasound simulation is a key part of the learning pathway, providing risk-free but highly realistic training in clinical ultrasound, as well as the ability for self-directed practise and access to train on pathologies rarely seen in clinical practice.



### Why Intelligent Ultrasound?

Unlike some simulation companies, we focus 100% on ultrasound. We work with experts in the field to ensure we provide the best scanning experience.

## About us

Founded out of industry-leading research from three world-class universities, our vision is to make ultrasound easier to learn and simpler to teach by providing world-class ultrasound teaching solutions. To date over 1,700 systems have been installed in over 800 medical institutions around the world.



### Ultrasound Simulation

World-class, high-fidelity ultrasound simulation and bespoke learning pathways to enhance learning and support teaching.



### 360° Support

Our dedicated team support every step of your journey, from initial consultation to ensuring you get the most from your investment.



### Learning Pathways

We understand the importance of a fully-formed learning program and work with educators to create bespoke pathways to meet their needs.

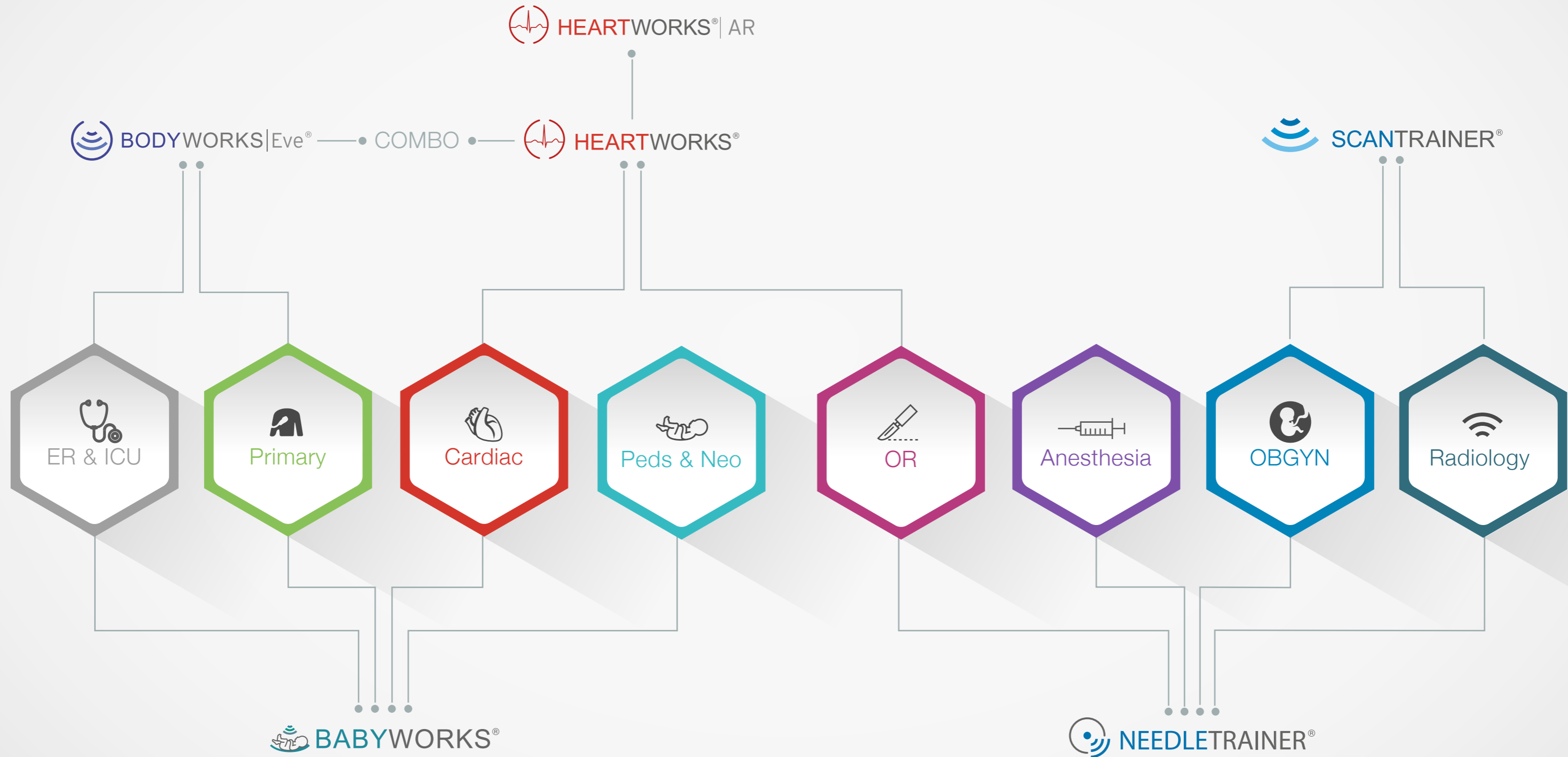


### Clinical Partnerships

We work with leading institutions, manufacturers and clinical advisors around the world to ensure we're at the forefront of medical education.

# PRODUCT MATRIX

Ultrasound teaching solutions for every learning pathway





# SCANTRAINER®

ScanTrainer® provides a flexible ultrasound training solution. With real-time feedback, performance tracking, and customizable modules, teachers can focus on higher-level teaching while optimizing training efficiency.

- **Independent learning:** Students can practice independently with virtual guidance, freeing up instructor time.
- **Customizable modules:** Adapt training to meet specific curriculum needs.
- **Performance tracking:** Monitor progress easily with built-in assessments and reports.



## Explore ScanTrainer® Packages

Discover the versatile ultrasound training system with customizable packages, designed to suit the needs of any learning program.



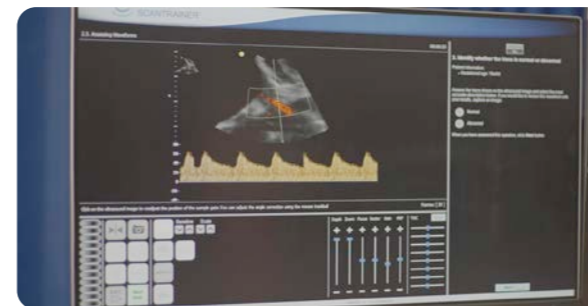
### Transabdominal Sonography (TAS)

A complete learning program in TAS from basic probe manipulation to advanced diagnostic skills, with modules across obstetrics, gynecology and general medicine.



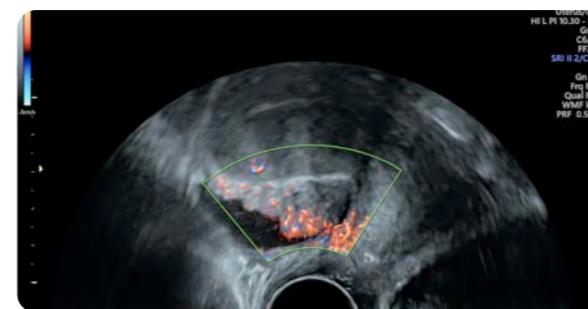
### Transvaginal Sonography (TVS)

A comprehensive training program in TVS covering probe handling, image analysis with modules spanning obstetrics, gynecology, and general medicine.



### Advanced Obstetrics

Advanced learning in obstetric ultrasound including modules on fetal lie, placenta localisation, spectral and color doppler.



### Endometriosis Module

Developed alongside leading specialists to support advanced diagnosis skills, the module contains 24 cases supported by a companion eLearning course (TVS only).



### ScanTrainer® Examine

Expand the LMS to the cloud, track learning from any device and access to the growing cloud database of cases (annual subscription).

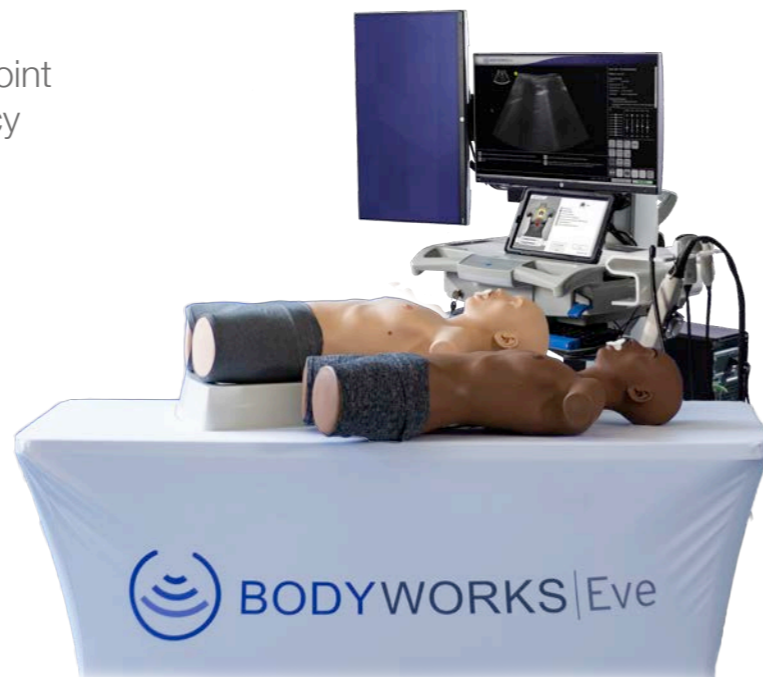
## Complete TAS and TVS Training Curriculum



# BODYWORKS®

An ultra-realistic female patient simulator designed to meet the training needs of Point of Care Ultrasound (PoCUS) in Emergency Medicine and Critical Care scenarios.

- **Realistic landmarks:** Accurate, palpable, anatomical landmarks.
- **Wrap-around scanning:** Scan from the neck to the pubic bone, and around the posterior flanks.
- **Run realistic scenarios:** Abdominal, pelvic, lung and cardiac cases.



## Explore BodyWorks® Eve Packages

Explore BodyWorks Eve's realistic, safe, and versatile ultrasound simulation packages, designed to enhance clinical training and improve outcomes.



### Point-of-Care Ultrasound

Learn PoCUS protocols including FAST, eFAST, ELS, FICE and RUSH. Explore patient lists with over 100 patient cases across cardiac, lung, transabdominal and pelvic ultrasound.



### Active Scenarios

Over 10,000 pathology variations controlled using the instructor tablet. Run realistic clinical scenarios safely, adjusting the patient condition at the click of a button.



### Principle Skills Add-on

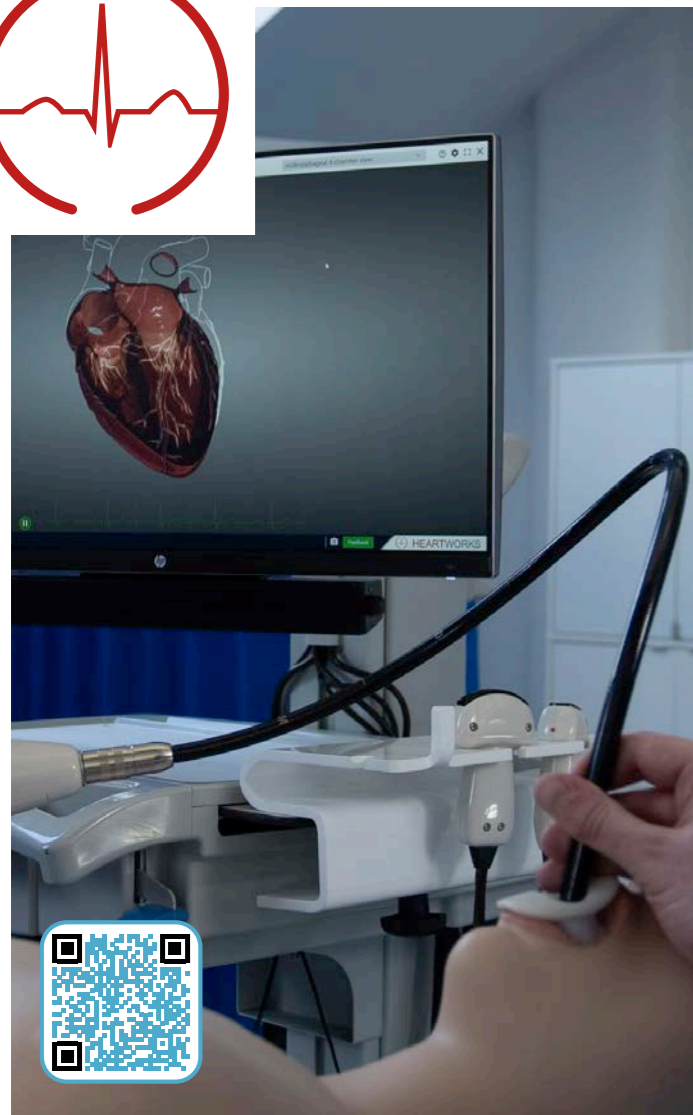
Learn the fundamental probe movements, hand-eye coordination and ultrasound terminology, through simple lessons on the system and companion eLearn course.



### Needling Add-on

This powerful addition allows for risk-free, hands-on training of interventional procedures using a non-invasive, retractable needle, across all PoCUS cases and active scenarios.

**Elevate Your Training with Unmatched Realism**



# HEARTWORKS®

A highly detailed, anatomically accurate simulator designed to meet the training needs for cardiac ultrasound in various clinical environments.

- **Anatomical precision:** Accurate replication of cardiac anatomy for true-to-life echocardiography training.
- **Comprehensive views:** Learn all standard transthoracic and transesophageal echo windows.
- **Dynamic heart function:** Simulate normal and pathological heart conditions, enhancing diagnostic and procedural skills.



## Explore HeartWorks® Packages

Discover HeartWorks' realistic, safe, and comprehensive ultrasound simulation packages, designed to advance cardiac training and diagnostic skills.



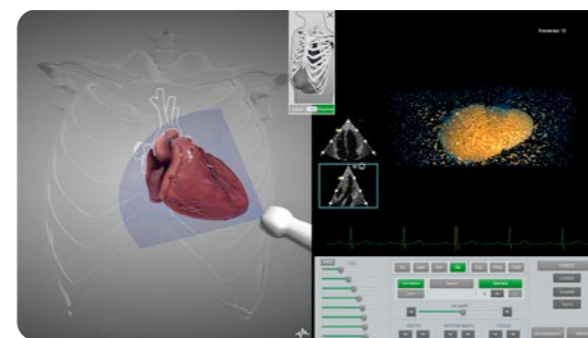
### Transthoracic Echocardiography

Comprehensive Transthoracic Echocardiography (TTE) scanning using the TTE probe, with accurate, palpable anatomical landmarks to aid probe positioning and image acquisition.



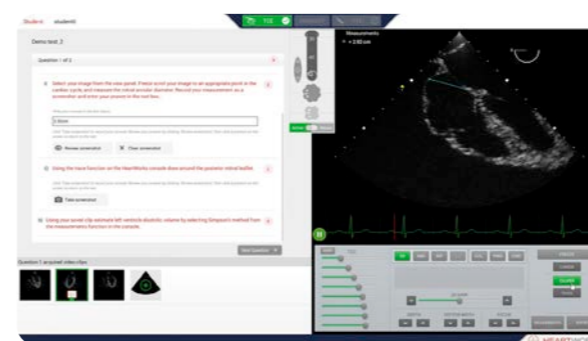
### Transesophageal Echocardiography

True-to-life Transesophageal Echocardiography (TEE) examinations using the TEE probe, with realistic controls for ante and retroflexion, lateral flexion and, omniplane rotation.



### 3D Echo Module

The 3D echo module guides students through the steps of acquisition and manipulation, teaching the key principles of live three-dimensional echocardiography, now with enhanced multiplanar reconstruction (MPR) capabilities.



### START 2.0

The Student Training Assessment and Review Tool (START) completes the learning pathway, providing the ability to assess proficiency in cardiac anatomy, echocardiography, and even diagnostic capabilities.

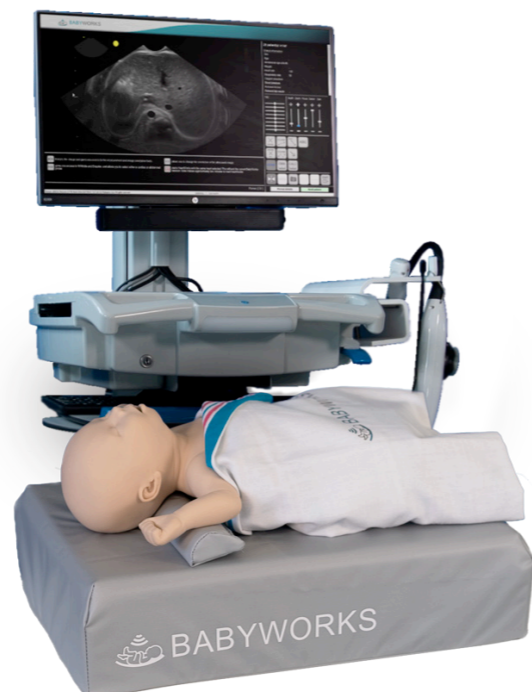
## Comprehensive Education in Cardiac Anatomy and Echocardiography



# BABYWORKS®

Designed to address the challenges of teaching infant ultrasound, BabyWorks offers a highly realistic and versatile simulator that meets educators' needs for effective teaching and assessment.

- **True-to-life anatomy:** Detailed and accurate manikin ensures students gain hands-on experience with realistic anatomical structures.
- **Interactive training:** Simulate various clinical scenarios from routine checks to complex emergencies, enhancing diagnostic skills.
- **Ease of use:** Intuitive setup and flexible scenarios streamline training, allowing educators to efficiently manage and customize lessons.



## Explore BabyWorks® Packages

Explore BabyWorks' lifelike, safe, and versatile ultrasound simulation packages, tailored to enhance neonatal and pediatric scanning skills safely.



### Point-of-Care Ultrasound

Explore pediatric and neonatal patient lists with over 100 patient cases covering the brain, heart, lungs, abdomen and bladder.



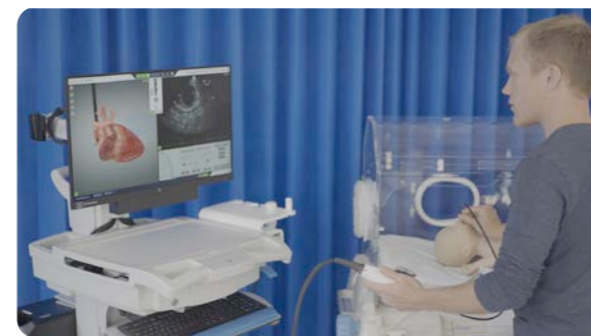
### Active Scenarios

Over 10,000 pathology variations. Instantly change the pathology, severity, heart and/or respiratory rate using the tablet, to test assessment and decision-making skills.



### Transthoracic Echocardiography

Comprehensive Transthoracic Echocardiography (TTE) scanning with accurate palpable anatomical landmarks and the ability to learn all standard imaging views.

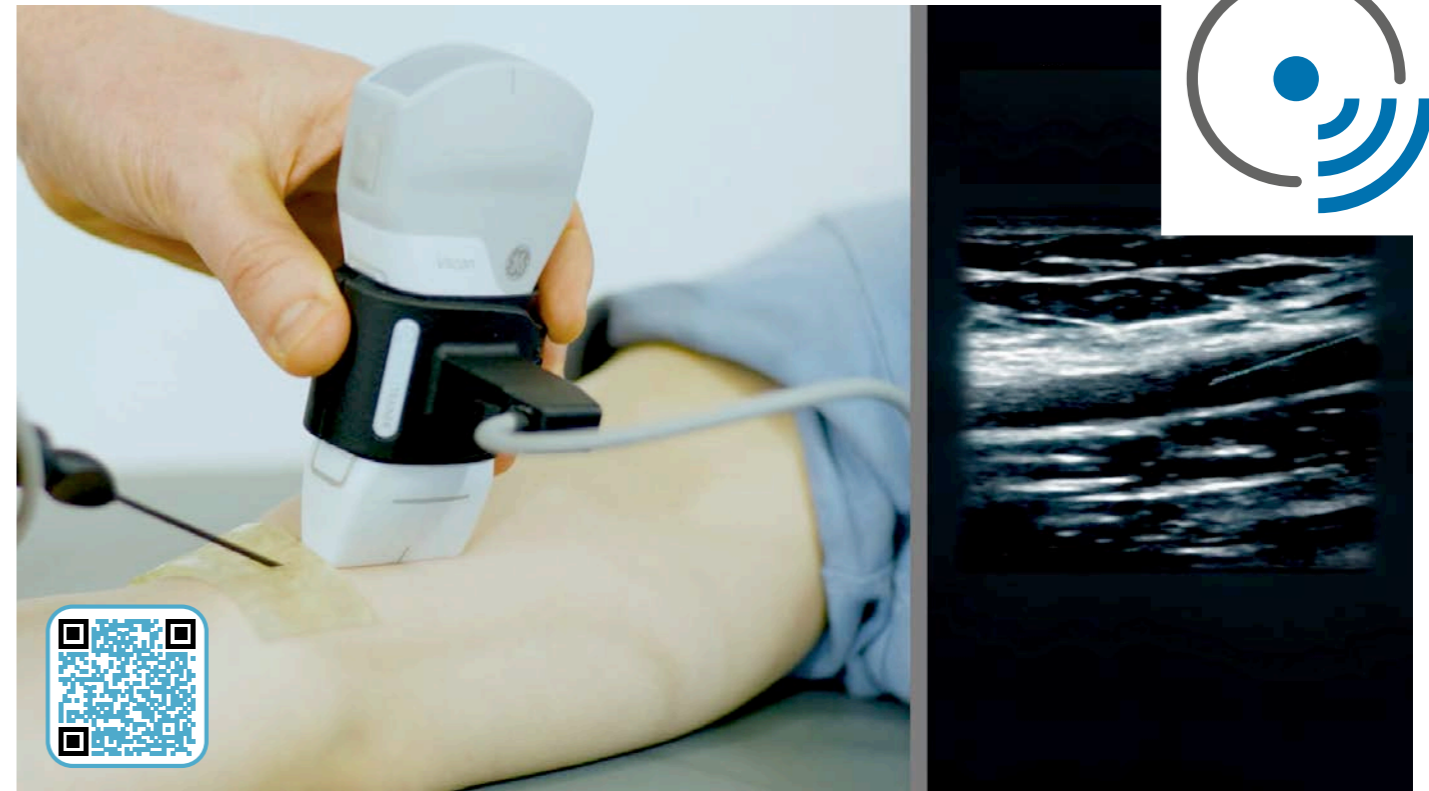
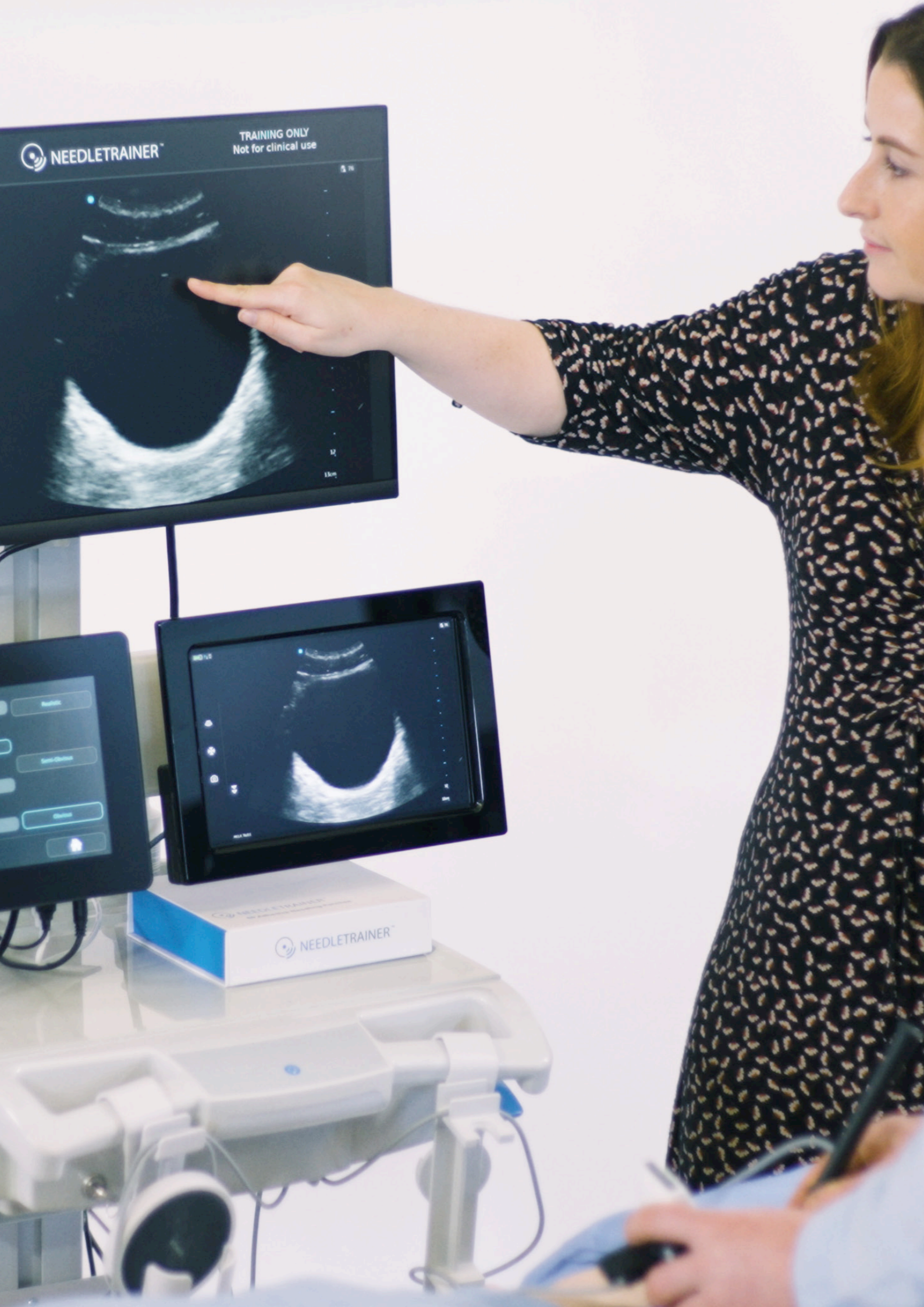


### Transesophageal Echocardiography

Learn infant Transesophageal Echocardiography (TEE) in a safe environment with realistic controls for ante and retroflexion, lateral flexion and, omniplane rotation.

## Risk-free Training in Infant Ultrasound





# NEEDLETRAINER®

Develop hand-eye coordination, optimum positioning, and accuracy in a realistic setting with minimal risk. Available in a cart or portable system, NeedleTrainer® uses a retractable needle and virtual image overlays to simulate needling non-invasively on a live ultrasound scan.

## Explore NeedleTrainer Software Packages

### NeedleTrainer® (all packages)

**Offline Mode** | Practise on videos without a model.  
**Free Needling Mode** | Free needling on live ultrasound.

### NeedleTrainer® Plus (optional)

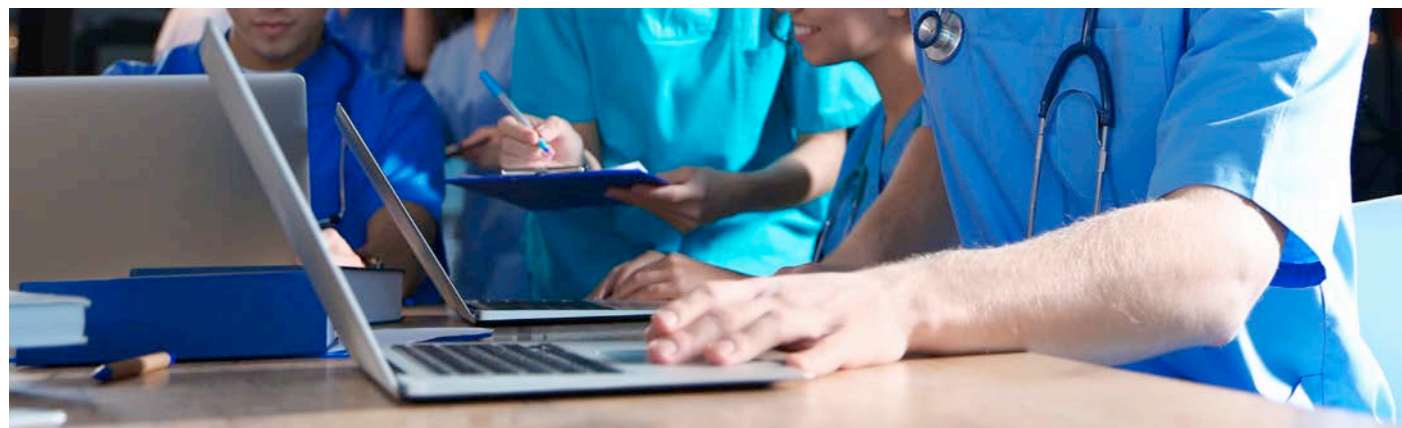
**PNB Procedure Mode** | Learn sono-anatomy with anatomy highlighting of key peripheral nerve blocks.

### Vascular Access Upgrade (optional)

**Vascular Access Mode** | assist with the training of common vascular access procedures.  
**3 Needle Lengths** | expand to additional procedures.



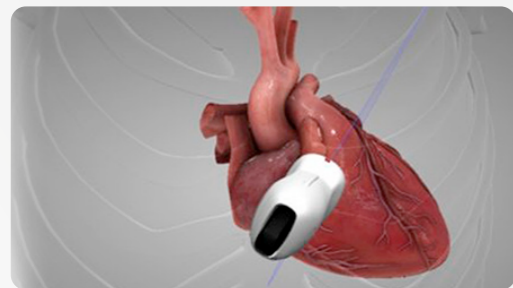
**Realistic, Safe and Effective Training in  
Ultrasound-Guided Needling**



# REMOTE LEARNING

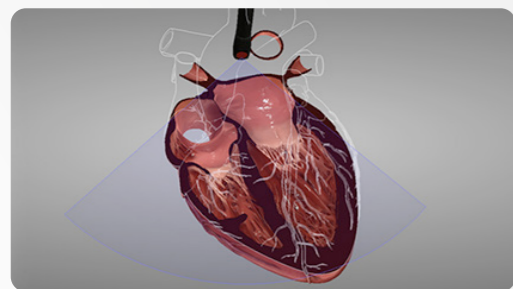
Created with experts in their field, our courses are designed to complement hands-on learning, providing 360° learning within ultrasound and echocardiography.

## Explore eLearning Courses



### Introduction to TTE

Developed by leading clinicians in cardiac anesthesiology, the comprehensive course spans core topics of Transthoracic Echocardiography (TTE).



### Introduction to TEE

Developed by leading clinicians in cardiac anesthesiology, the comprehensive course spans core topics of Transesophageal Echocardiography (TEE).



### PoCUS for Healthcare Professionals

Written by John Shields, CRNA, the course covers key topics in bedside ultrasound examinations and guides practical skill development on the HeartWorks® simulator.

## HEARTWORKS® AR

### Versatile, Easy to Use and Portable

Become immersed in the HeartWorks® cardiac simulation on a portable tablet. A convenient tool to study, teach, or illustrate conditions and anatomic relationships to patients or colleagues.



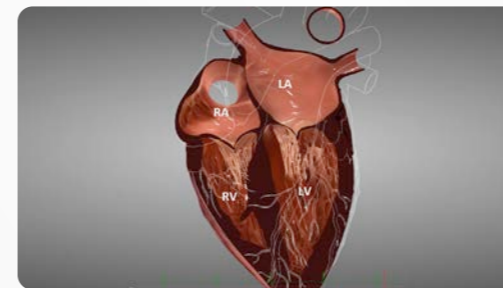
### Explore Cardiac Anatomy and Echocardiography Anywhere

- Versatile and Portable Tablet
- Interactive, anatomically correct 3D Heart
- Gold-standard imaging views for TTE & TEE

BUY ONLINE

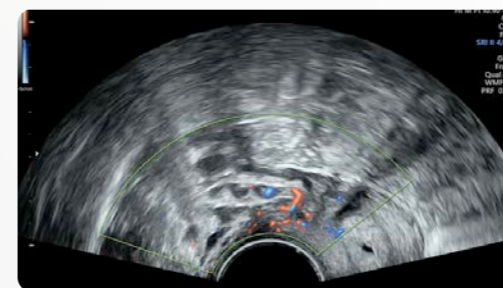


## More eLearning



### TTE for the Sonographer

Developed to guide clinical sonographers learning cardiac sonography, with 14 modules covering critical subject areas on cardiac sonography.



### Endometriosis

A companion to the ScanTrainer endometriosis module. The course provides additional support material, presentation examples, and best practises from endometriosis specialists.



### Ultrasound Basic Principles

Designed to accompany BodyWorks Eve®, the course illustrates fundamental techniques, ultrasound terminology and probe orientation skills, designed to kickstart learning and direct practical skill development on the simulator.



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