

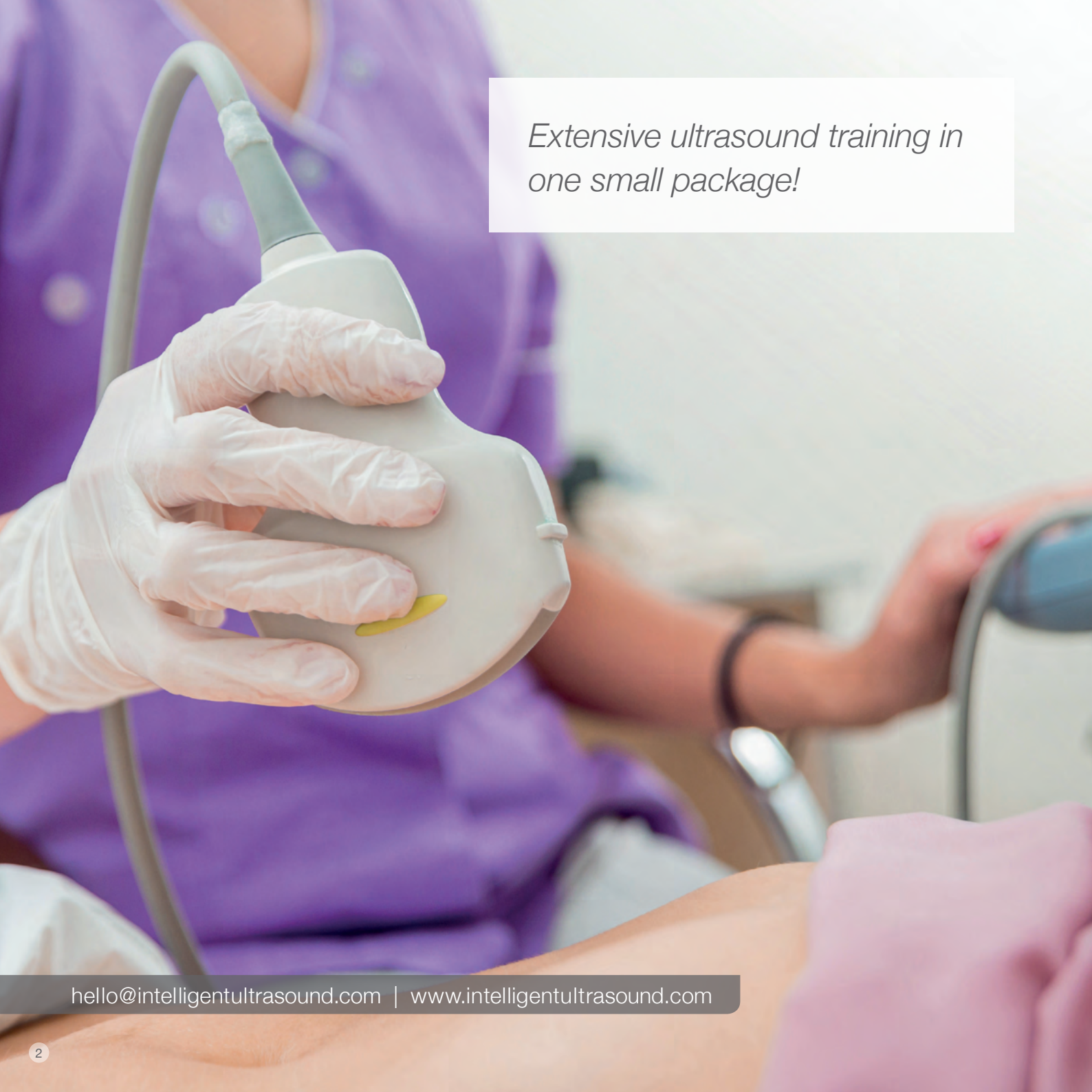


INTELLIGENT
ULTRASOUND®



SCANTRAINER® | Compact

Simulation in Transvaginal
& Transabdominal Ultrasound



*Extensive ultrasound training in
one small package!*

hello@intelligentultrasound.com | www.intelligentultrasound.com



SCANTRAINER® | Compact

ScanTrainer Compact has been designed for medical professionals who wish to learn transabdominal (TA) and transvaginal (TV) ultrasound.

The simulator offers a comprehensive and structured educational pathway from learning basic principles of ultrasound to scanning and diagnosing anomalies and pathology across multiple clinical disciplines.

- Learn TA and TV probe handling skills to acquire accurate, diagnostic ultrasound images.
- Identify and interpret image relationships between anatomy and ultrasound views.
- Recognize pathology relevant to obstetrics, gynaecology, emergency medicine and general medicine.
- Learn diagnostic skills



Educational Modules

Extensive educational modules are available for use with Scantrainer Compact to teach core and advanced scanning skills in a range of scenarios.



EMERGENCY
MEDICINE



OBSTETRICS



GYNAECOLOGY



GENERAL
MEDICINE

A simple switch of the probes allows you to alternate between transvaginal and transabdominal ultrasound in your training programs easily.

Our ScanTrainer Probe Manipulation Module enables Trainees to practice and perfect the subtle transducer movements required to capture quality images and examine complex structures.



Guide the ultrasound image with the probe to match the on-screen shapes



Learn how the probe interacts with the 3d shape

Ultrasound Education Packages

ScanTrainer Compact has a number of transvaginal and transabdominal education packages to help tutors save time and get their simulation programs up and running quickly and effectively.

These packages are ideal for:

- Obstetrics & Gynaecology residents
- Sonographers
- Midwives
- Radiology residents
- Emergency Medicine practitioners
- Simulation Centres



Our unique real-time virtual tutor replicates learning one-to-one with an expert, allowing for a truly self-directed learning experience. Trainees will be able to acquire complex, hard-to-learn ultrasound scanning skills in their own time and at their own pace.

Learn the theory

ScanTrainer Compact comes complete with a range of learning resources that the trainee can study before beginning practical sessions on the simulator. These include:

- Expert videos for each assignment
- Scanning technique schematics
- Comprehensive text-book style references and notes

Put theory into practice

ScanTutor provides real-time on-screen guidance, which helps the trainee learn to:

- Correctly manipulate the probe
- Acquire quality images
- Identify structures
- Make measurements for accurate diagnosis

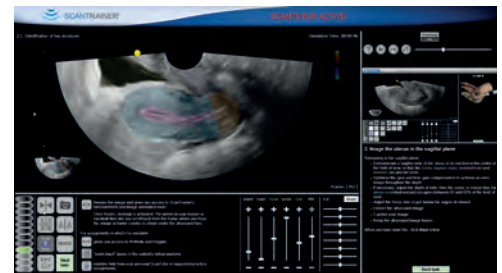
Integrated into every learning module – **it's like learning with a real expert and it's available 24/7!**

Self-check progress

After each lesson, trainees can switch off ScanTutor and test their own skills performance against set metrics. If they do not master the lesson first time, they can switch ScanTutor back on to go over key learning points, take the test again and then move onto the next lesson.



Traffic light display of the virtual probe demonstrates correct orientation



Real-time on screen visual guidance helps the trainee to orientate the probe, identify structures and make measurements.

“It's like learning with a real expert and it's available 24/7!”

Create your own patient cases
and design your own curricula...

Take a 3D single
sweep scan.



Case Generator

Upload the data file into the Case Generator to
create a ScanTrainer patient case with virtual
anatomy and haptic feel.



Case Library

Publish your new patient case locally or globally
in the ScanTrainer Case Library.



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SCANTRAINER | Cloud

ScanTrainer Cloud offers users a ground-breaking range of new features and educational tools that will optimize the teaching scope and learning potential for both the tutor and trainee.

ScanTrainer Cloud allows users to:

Learn anytime, anywhere

With remote access, trainees can access the system's extensive learning resources from their PC, laptop or tablet to carry out pre-learning or revision.

Teach anytime, anywhere

Likewise, remote access allows tutors to set tasks and review trainees progress at a time and place that suits them in their busy schedules!

Access remote online support

Online support from our Technical Support Team.



SCANTRAINER | Examine

ScanTrainer Examine brings all the newly mastered theoretical and practical ultrasound skills together into an assessment tool. It offers users access to a cloud based library of over 900 patient cases to comprehensively test a clinician's scanning and diagnostic skills.



Case Generator

Case Generator is a unique feature of the ScanTrainer Cloud service. By enabling tutors to upload their own scans and create their own patient cases, bespoke training programs can be created, which address the specific teaching points a tutor may wish to make.

Tutors can choose to publish their cases locally for sole use by their own trainees, or share globally with other ScanTrainer Cloud users around the world via the Cloud Case Library.



Case Library

ScanTrainer Cloud enables users to share their own scans within their own institution as with their professional peers worldwide.

ScanTrainer is recognized globally as one of the leading simulation systems for education in transvaginal and transabdominal ultrasound. Initiated and developed by leading clinicians in obstetrics and gynaecology at the University Hospital of Wales, it is considered to be the most effective, self-directed simulation solution for realistic training in ultrasound.

Intelligent Ultrasound 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.



**INTELLIGENT
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www.intelligentultrasound.com

UK & EUROPE

MedaPhor Ltd
Cardiff Medicentre | Heath Park
Cardiff | CF14 4UJ
+44 (0) 2920 756534

NORTH AMERICA

Intelligent Ultrasound North America Inc.
12600 Deerfield Parkway | Suite 100
Alpharetta, GA 30004
+1 (770) 777-8191

ASIA-PACIFIC

No. 59 Laiguangying West Road
Chaoyang District | Beijing
+86 01052830381