Norso
MEDICAL

TE7 ACE
Point-of-Care Ultrasound System

mindray

TE7 ACE
Ultrasound System

With its superior image quality, simple touchscreen operation and class-leading intelligent tools, the TE7 ACE is designed to simplify and speed-up ultrasound examinations. Suitable for demanding environments such as Critical Care, Emergency and Anaesthetics.

Practical and robust

With its button-free seamless touchscreen and compact footprint, the TE7 ACE is easy to use, transport and clean. Validated for use with leading cleaning agents, the TE7 ACE is designed to provide the highest standard for infection control due to its non-porous lockable touchscreen that allows confident infection control in seconds.

Built with robust materials and incorporated with practical features such as three transducer ports, three second boot up from standby and a retractable power cable, the TE7 ACE is an excellent choice for the demands of fast-paced point-of-care environments.

Ai diagnostic tools
Intelligent diagnosis tools including Smart B-Line

Connectivity
Secure data transfer to Electronic Patient Records

ESpacial Navi needle navigation
Needle guidance technology for accurate procedures

5yr WARRANTY

Investment protection

Provided with 5-year warranty including transducers*, the TE7 ACE provides outstanding cost of ownership over its lifetime.

*5-year warranty is available for systems and standard transducers and 2-year warranty is available for the cart when purchased directly from Mindray UK.

Simple to operate

The intuitive touchscreen interface ensures simple and precise operation of all functions, even with gloves on. Simply select the ideal preset and relevant functions become accessible. To further simplify the set up process, clinicians can also switch between three connected transducers on screen.

15" Seamless 15" high resolution anti-glare touchscreen with wide viewing angle

Boots up in less than 25 seconds or three seconds from standby

Three transducers can be connected at once with easy on-screen selection

Built-in battery provides two hours continuous scanning and 22 hours in standby mode

Built-in WiFi with hotspot

Transducer cable management system prevents damage to cables

Retractable power cable

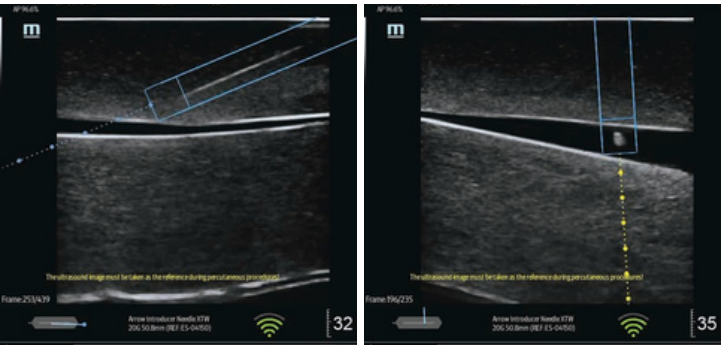# Advanced features to improve workflow efficiency and performance

Off ering a wide variety of workfl ow and performance enhancement features, the TE7 ACE can be confi gured to suit individual needs, enhancing diagnostic confi dence and effi ciency.

Workfl ow enhancement tools

iTouch™: Automatic image optimisation
iTouch automatically optimises images in B-mode, colour and PW mode.

iZoomTM: Full screen view
iZoom allows users to view the image in full screen and hides less common controls for an even simpler layout. This mode can be entered at any time or can be automatically enabled upon system boot up.

iVocal: Voice recognition technology
Based on artifi cial intelligence voice recognition technology, iVocal allows clinicians to remotely control the system with voice commands.

Innovative needle tools

eSpacial Navi™: 4D magnetic needle navigation technology
Mindray's eSpacial Navi detects the needle magnetically and gives the clinician clear additional real-time information about needle position for in-plane and out-of-plane techniques. With in-plane techniques, eSpacial Navi helps the user to plan trajectory and stay perfectly in-plane. For out-of-plane techniques, the system gives vital information for needle tip position to enhance safety and confi dence.

iNeedle+TM: Advanced needle visualisation

Intelligently detects needle angle changes during in-plane procedures and automatically adjusts to ensure maximum needle enhancement.

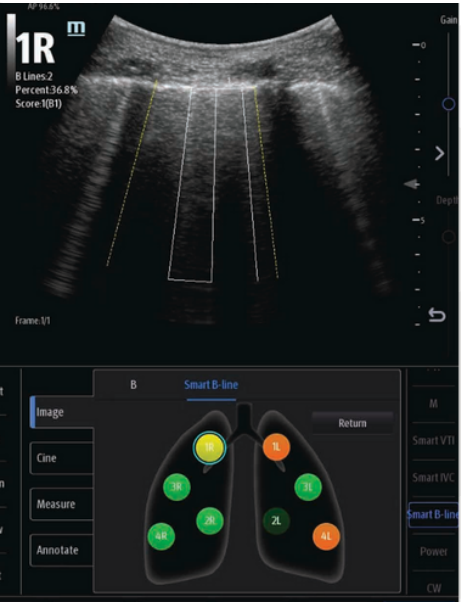eSpacial Navi: In-plane procedure   eSpacial Navi: Out-of-plane procedure

All-in-one transducer for needle puncture procedures
Mindray's L12-3VNs transducer, with 3 programmable buttons, allows clinicians to remotely control the system while performing needle puncture procedures using Mindray's eSpacial Navi.
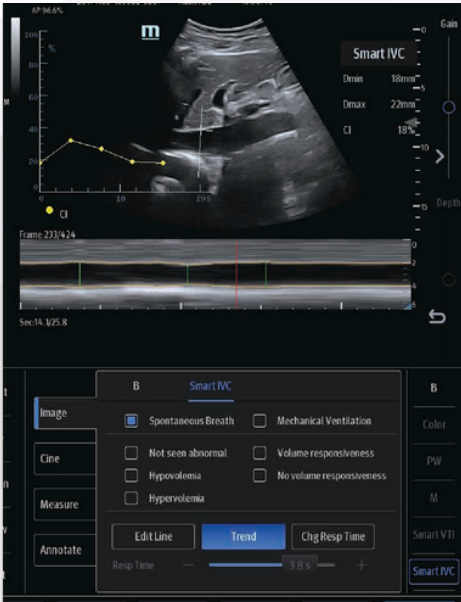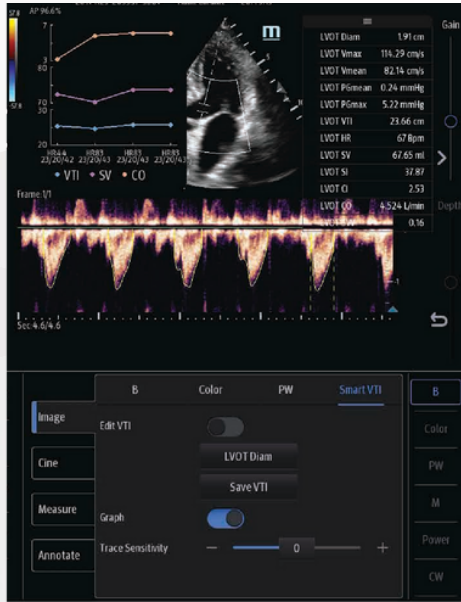
AI-powered

Smart fl uid management tools

Smart B-line
Automated detection and calculation of lung B-lines. The scoring map provides a visual overview of the B-line results in each zone.

Smart IVC
Automated measurement of Inferior Vena Cava (IVC), helps assess volume status and guides fl uid management. A trend graph documents the change in collapsibility (CI) and distensibility (DI) to document fl uid response over time and guide therapy.
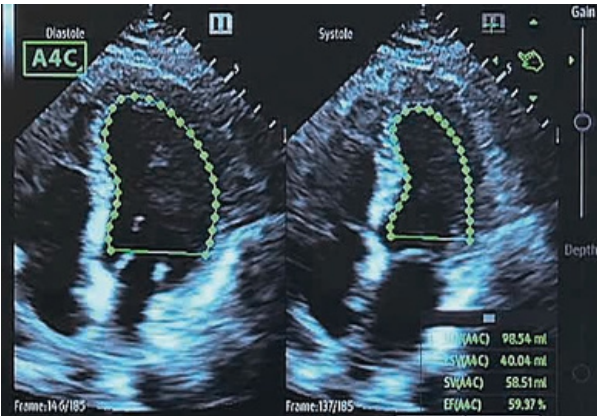
Smart VTI
Automated measurement of the Velocity Time Integral (VTI) and Cardiac Output (CO), enables rapid assessment of cardiac function. A graph of parameter trends for CO, Stroke Volume (SV) and VTI is produced to guide decision-making.

Advanced measurement tools

Auto EF: Automatic Ejection Fraction
Auto EF enables intelligent analysis of left ventricular function calculating EDV, ESV and EF.

Smart Track: Intelligent vessel tracking
Smart Track provides a fast and intelligent optimization tool for vascular
imaging, optimising colour, power and PW doppler, enabling rapid assessment.

Auto EF on TE7 ACE

Crystal-clear imaging with Mindray transducers

TE7 ACE off ers a full suite of transducers to support a wide variety of applications including convex, linear, phased array, endocavity, intraoperative and TEE. Ranging from 1 to 20 MHz, Mindray transducers provide class-leading penetration and crystal-clear imaging of superfi cial structures.
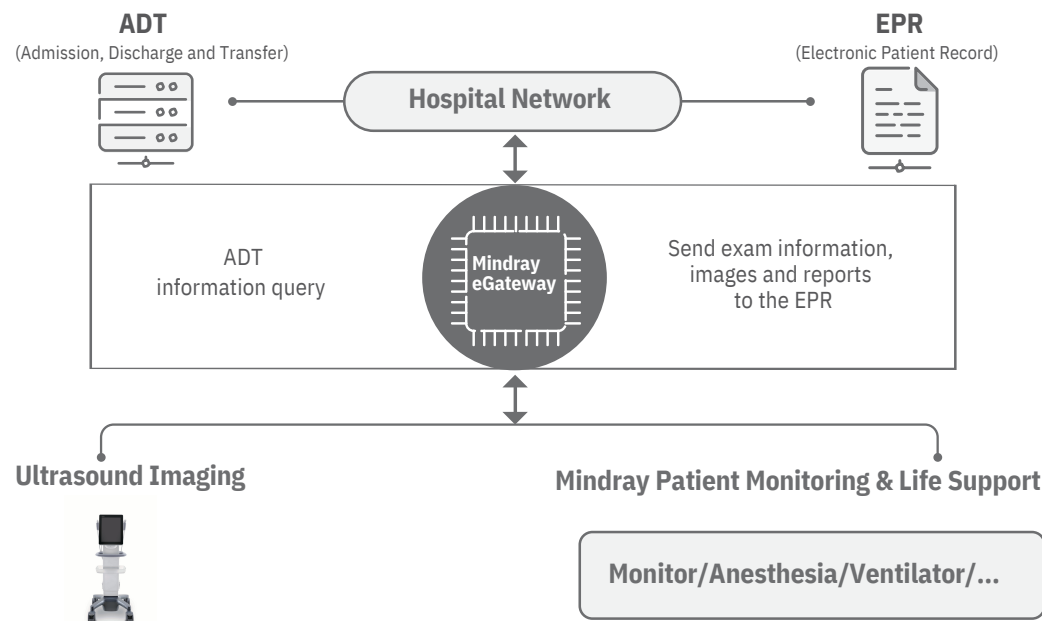
To view our range of TE7 ACE transducers, visit www.mindrayuk.com or scan the QR code.

Connects seamlessly to the EPR

The connectivity capabilities of Mindray's TE7 ACE allows images, reports and demographics to be transmitted safely and securely to the hospital's Electronic Patient Record (EPR) system via Mindray's eGateway. This seamless integration makes comprehensive record keeping simple and helps inform clinical decisions whilst reducing transcription errors.

ADT
(Admission, Discharge and Transfer)

EPR
(Electronic Patient Record)

Hospital Network

ADT
information query

**Mindray
eGateway**

Send exam information,
images and reports
to the EPR

Ultrasound Imaging

Mindray Patient Monitoring & Life Support

Monitor/Anesthesia/Ventilator/...

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