



TEX20 Elite Edition

Diagnostic Ultrasound System

Anesthesia & Perioperation

Combined with advanced high-performance transducer and quality images, intelligent and automatic functions, and ergonomic design, the TEX20 Elite Edition makes ultrasound a generalist in both anesthesia and perioperative applications

Dedicated transducer portfolio to cover high level Anesthesia & Perioperative ultrasound application

- Ultra-wide band linear transducer L15-3RCs: dedicated for nerve imaging and needle visualization, three user-defined buttons on the transducer support remote control of frequently used functions and make operation more conveniently.
- Convex transducer SC6-1s/C5-1s and SC10-2RCs: cover deep nerve block and abdominal imaging.
- Single crystal phased array transducer SP5-1s and TEE P8-2Ts transducer: Quality image for dynamic cardiac function monitoring.



L15-3RCs



SC10-2RCs



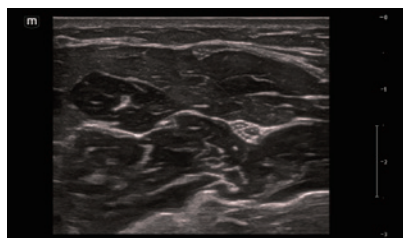
SC6-1s/C5-1s



SP5-1s



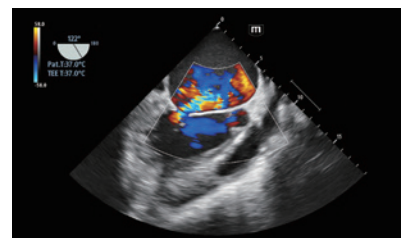
TEE P8-2Ts



Median Nerve-L15-3RCs



Quadratus Lumborum-SC10-2RCs



Mitral Regurgitation-P8-2Ts

mindray
healthcare within reach

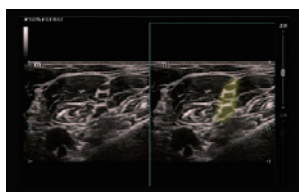
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Diagnostic Ultrasound System

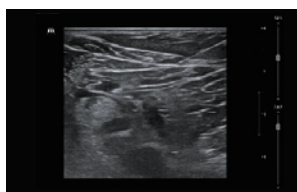
Anesthesia & Perioperation

Intelligent tools for precise nerve block and safe vascular access

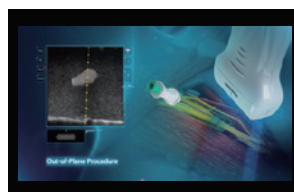
- Smart Nerve: Automatically recognize and enhance targeted nerves in real time, ensure precise and safe block and puncture.
- Needle Enhancement Technology: Steer ultrasound beams at multiple angles to enhance needle echo without any compromise of frame rate, available for both linear and convex transducers.
- eSpatial Navi: Based on magnetic field sensing technology, help to plan needle insertion and navigate puncture procedure in real time, visualize needle clearly during whole procedure with either in-plane or out-of-plane method.
- iNeedle+: Automatically recognize needle inserting direction and angle, optimize needle echo in real time, available for both linear and convex transducers.



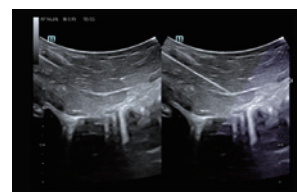
Smart Nerve



Needle Enhancement Technology



eSpatial Navi



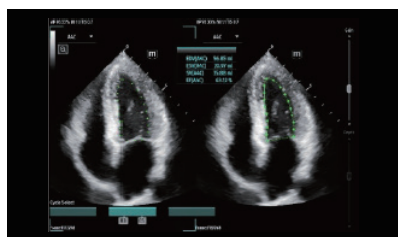
iNeedle+

Automatic tools for perioperative evaluation and monitoring

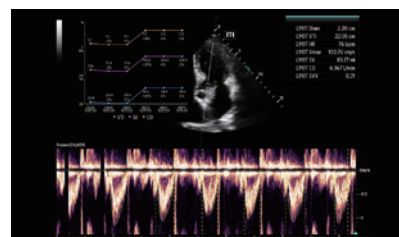
- Auto GA: Automatically identify the boundary of gastric antrum and calculate the area, help to reduce the risk of pulmonary aspiration in surgery.
- AutoEF Plus: Automatic cardiac systolic function evaluation.
- Smart Fluid Management: Include Smart IVC, Smart VTI Plus and Smart B-Line, automatically calculate relative indexes to evaluate and monitor volume state and responsiveness.



Auto GA



AutoEF Plus



Smart VTI Plus

Refreshing experience

- ZST+ platform: The innovative ZONE Sonography® Technology platform delivers exceptional image quality for enhanced clinical confidence.
- 23.8" rotatable full-touch HD screen allows for both landscape and portrait display to meet the needs of various clinical scenarios.
- Sealed interface for fluid resistance and ease of disinfection, 10-second screen lock to avoid accidental taps while cleaning.
- X-Link: Synchronously integrates ultrasound images and physiological information, provides comprehensive information for precise hemodynamic evaluation and monitoring.



www.mindray.com

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