

Perioperative Excellence

A Personalized Approach to Patient Care





Empowering Clinical Excellence

In today's complex perioperative environment, providers need flexible Operating Room solutions that enhance workflow, address specialized cases, and maximize uptime. Mindray's anesthesia, monitoring, and ultrasound technologies combine innovation with a patient-centered approach to support clinical excellence and improve outcomes. We're committed to seamless technology that instills confidence throughout the patient journey.

Join a Legacy of Personalized Care

At Mindray, we partner with healthcare facilities to assess needs and deliver tailored Operating Room solutions that enhance patient care.

- **Customized configurations** to optimize patient outcomes
- **Tools and technologies** best suited to your clinical environment
- **Advanced systems** across anesthesia, monitoring, and ultrasound

Deliver Precise Care in Specialized Cases

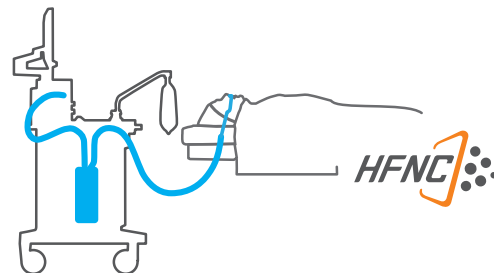
Mindray's perioperative solutions address the unique challenges of specialized cases to ensure patient safety, promote better surgical outcomes, and shorten recovery times, especially for high-risk individuals.



Advanced Anesthesia Tools

Our A8 and A9 anesthesia platforms blend traditional features with innovative technology to enhance patient care.

- **Volume Exchanger Breathing System:** Offers precise ICU-level ventilation, with tidal volume settings as low as 5 ml
- **Protective Ventilation Toolkits:** Minimize the risk of post-operative pulmonary complications (PPCs) with advanced protective features
- **Lung Recruitment Tools:** Evaluate recruitment effectiveness
- **Tidal Volume/Ideal Body Weight (TV/IBW) Indicator:** Helps avoid barotrauma
- **Optimizer Low Flow Decision Support:** Guides clinicians on how to reduce agent while using lower fresh gas flows
- **Integrated High Flow Nasal Cannula (HFNC):** Helps clinicians intubate patients with difficult airways



Advanced Monitoring Tools

The BeneVision N-Series advanced parameter options support enhanced surgical outcomes and quicker recoveries, helping to reduce the length of hospital stays.

- **N-Series FloTrac™ Module:** Integrates Edwards FloTrac™ sensor technology for greater insights into hemodynamic instability
- **NMT Technology:** Delivers reliable Train-of-Four (TOF) measurements to prevent residual blockade and supports peripheral nerve stimulation in loco-regional anesthesia
- **INVOS™ Module:** Provides real-time regional oxygen saturation (rSO₂) monitoring in the brain and other body tissues
- **BIS™ Monitoring:** Offers two- and four-channel monitoring for a customized approach to measuring level of consciousness and the depth of anesthesia
- **BeneLink Connectivity:** Consolidates data from external devices for comprehensive bedside assessment



Advanced Imaging Tools

Our ultrasound solutions integrate innovative technologies to simplify procedures, boost clinician confidence, and ensure safer, more efficient perioperative care.

- **TE X-Series:** Combines artificial intelligence (AI) based Smart Tools and automation for exceptional imaging quality and clinical versatility
- **iNeedle+:** Enhances needle visibility for precise, safe interventional guidance
- **Smart Nerve:** Supports users by highlighting nerve bundles, making regional anesthesia safer and easier
- **Auto GA, Smart B-Lines, and Auto EF+:** Provides automated tools for gastric antrum, lung fluid, and cardiac evaluations, enhancing perioperative assessments and improving patient outcomes
- **Smart Bladder:** Delivers fast, automated bladder measurements for efficient pre- and post-surgical care

Enhanced Clinical Workflow with Intuitive Interfaces

Intuitive interfaces simplify even the most complex procedures and improve workflow efficiency, allowing perioperative clinicians to focus solely on patient care.

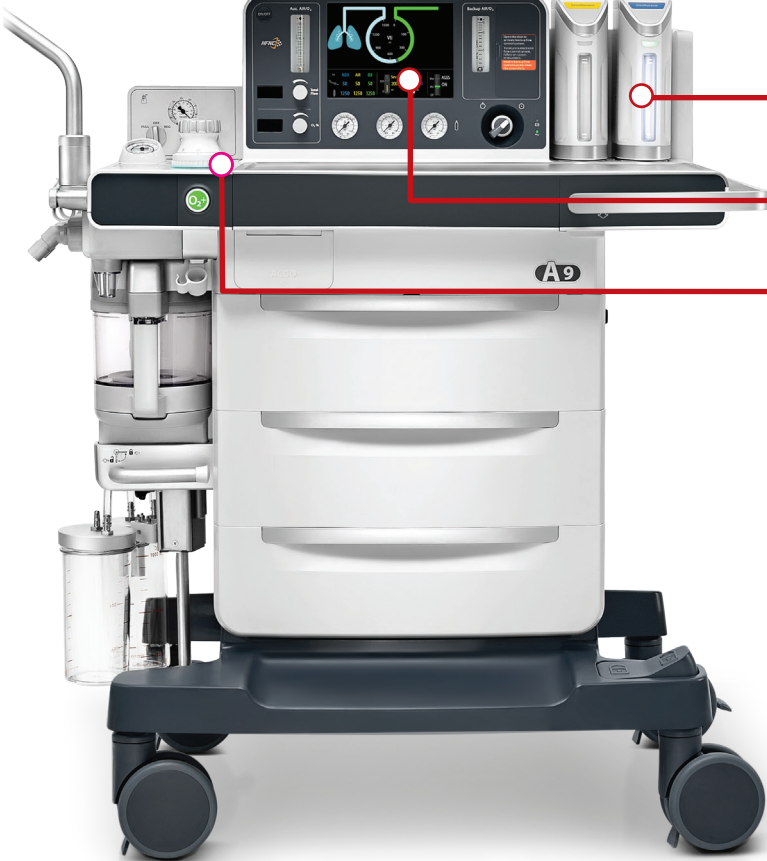
BeneVision N-Series Monitors

- Customizable screens with six bedside monitor size options to choose from
- Cardiopulmonary bypass (CPB) mode and specialized OR-specific configurations streamline user experience
- Multi-gesture smartphone-like user interface (UI) operation across all six N-Series Monitors



A8/A9 Anesthesia Workstation

- Highly flexible mounting solutions
- 18.5-inch capacitive touchscreen with flexible rotation, customizable profiles, and intuitive user interface
- Flow Pause prevents unnecessary leakage of gases during intubation, suction and other operations
- Precise electronic vaporizers (A9) notify user when agent gets low
- Status dashboard for clear ventilation system monitoring
- Illumination around the APL valve



TE X-Series Point of Care Ultrasound

- 23.8" HD rotatable touchscreen for flexible landscape/portrait operation
- Sealed, fluid-resistant interface for easy disinfection and durability
- Four transducer connectors, wireless charging, and button transducers for remote sterile operation
- iVocal+ enables hands-free control, boosting efficiency in demanding environments



TE Air-Series Wireless Handheld Ultrasound

- Portable imaging for presurgical assessments and procedural guidance
- IP68 waterproof and dustproof for full immersion in disinfectant for strict infection control
- Versatile and reliable, empowering clinicians with confidence in critical moments





Seamless and Secure Patient Data

The Mindray eGateway empowers your perioperative suite with a standards-based bridge, seamlessly connecting Mindray solutions with your hospital information systems.

BeneVision DMS further supports the surgical department's dynamic needs by offering a flexible monitoring solution and connectivity to the BeneVision N-Series and N1 Transport Monitor/Module, catering precisely to the requirements of surgeons, anesthesiologists, and the surgical staff within the perioperative environment.

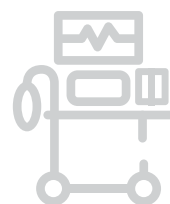


Maximize Uptime

Mindray's patient monitoring, anesthesia, and ultrasound solutions maximize uptime, enabling more focus on quality care.

- **A8/A9 Anesthesia Machines:** A comprehensive, fast, and simple automatic system check can be scheduled to automatically check all components to ensure proper functionality without manual intervention
- **BeneVision N-Series Monitors:** User-friendly interface simplifies 90% of operations, reduces training time, and enhances clinician reach with remote viewing and fast data access
- **TE X Ultrasound Systems:** Durable, with elevated transducer cables and up to five hours of battery life, ensuring reliable, uninterrupted performance
- **TE Air-Series Wireless Handheld Ultrasound Systems:** Optimized for uptime with a one-hand interface, patient data management, and seamless PACS connectivity





Industry-leading Total Cost of Ownership

At Mindray, we are dedicated to safeguarding your investment and ensuring the long-term reliability of your systems. As your trusted partner, we offer comprehensive support throughout the entire lifecycle of your equipment, giving you peace of mind.

Our commitment includes:

- **Industry-Leading Warranties:** Offering industry-leading warranties and the best total cost of ownership across our product portfolio
- **Flexible Financing:** A variety of financing solutions tailored to your equipment strategies
- **Best-in-class Service:** The Mindray CARE Team is dedicated to maximizing your equipment's performance to ensure your systems operate smoothly and respond effectively, when needed
- **Living Technology™:** A software-based, evolving approach that enables upgradeable enhancements, keeping your Mindray Ultrasound Systems at the forefront of imaging performance and protecting your investment throughout their lifecycle

With our exceptional warranties and support, you can trust that your equipment investment is in expert hands.



- **Ultrasound – Five-year warranty**
- **Anesthesia – Three-year warranty**
- **Patient Monitors – Five-year warranty**

Our Vision

Better healthcare for all

Our Mission

Advance medical technologies to make healthcare more accessible



Mindray North America
Headquarters in Mahwah, N.J.

Quality That Exceeds Expectations

At Mindray, customer-focused quality is at the core of what we do, which means we constantly work to a higher standard to deliver solutions that meet your clinical needs and provide the highest level of quality throughout the product life cycle. From inception to manufacturing, each phase of R&D includes checkpoints to verify quality goals and that customer needs are being met. Design-for-manufacturing means comprehensive assembly line tests are built into the product development process to ensure repeatability in delivering the highest quality, safety, and reliability across our product portfolio. Automation and informatization have been engineered into our manufacturing process for maximum efficiency, helping us not only meet ISO and global quality standards but exceed them. In fact, we've passed a quality management system audit for over three decades in a row.

Our commitment to quality continues with our North American-based Mindray CARE Team providing service and support 24/7, which means we are focused on uptime, all the time.



Learn More

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healthcare within reach