The Innovator of New Ultrasound

wisonic

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This brochure is only for academic exchanges and references. Nothing in this material should be used to diagnose or treat any disease or condition. Please refer to Wisonic user manual for any operation guidelines.

wiCloud mentioned in the material may be subject to government regulation and may not be available in all countries. Please contact wisonic local sales representative for more information.

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Navi Series

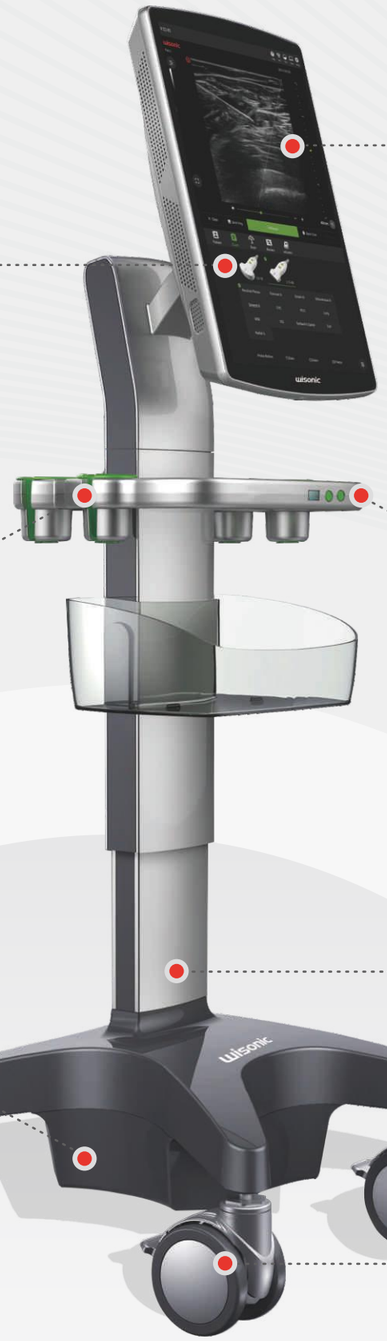
AI-Powered Point-of-Care Ultrasound

Navi is an AI-Powered color ultrasound dedicated for anesthesia and pain management. Its unique functions answer the front-line user needs, the customized workflow and professional imaging redefine the standard of ultrasound for anesthesia and pain management. Navi is an ultrasound that truly belongs to the anesthesiologist.

Professional Application

The smart design of Navi specifically aims for anesthesia and pain management, providing a better user experience, improving the clinical evaluation efficiency and prompting operation safety.

Dual Transducer Ports



19-inch Large Touch Screen

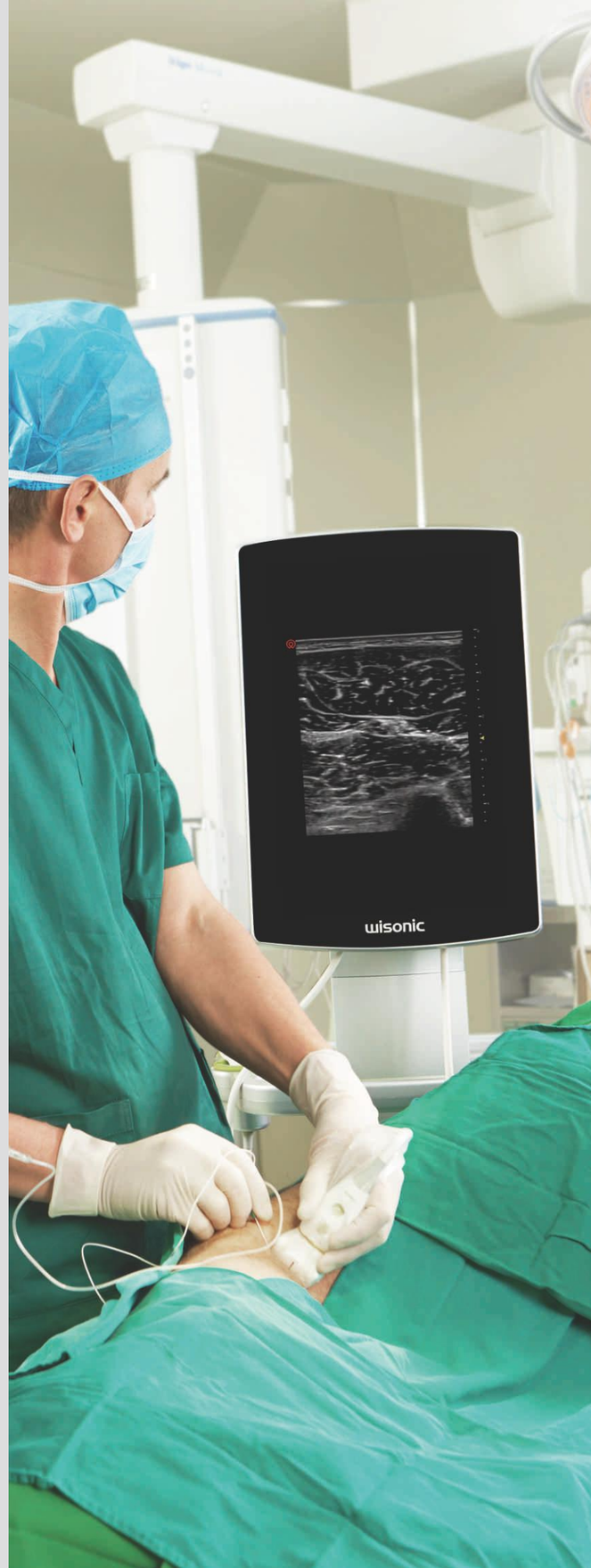
Dedicated Probe Holder for Disinfection

Battery Duration Time Display

7 Hours Battery for Whole Day Operation

Electrical Height Adjustment

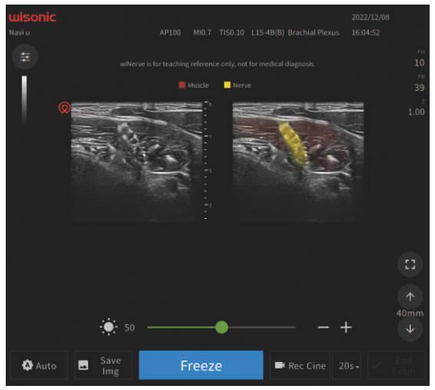
Large Wheel



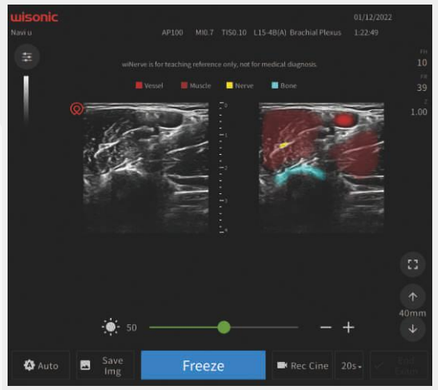
Artificial Intelligence

wiNerve - AI Nerve Recognition

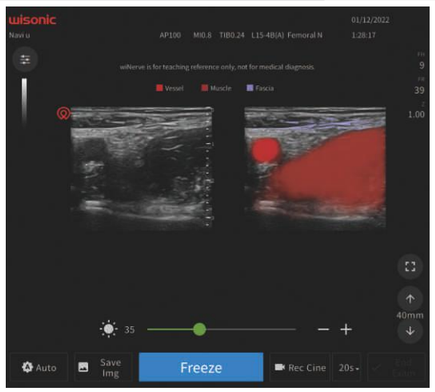
As a pioneering feature in the ultrasound industry , based on machine learning, wiNerve can not only recognize the standard views, but also automatically identify and color-code several structures including nerves, muscles, vessels, etc., so as to provide a reference for clinicians.



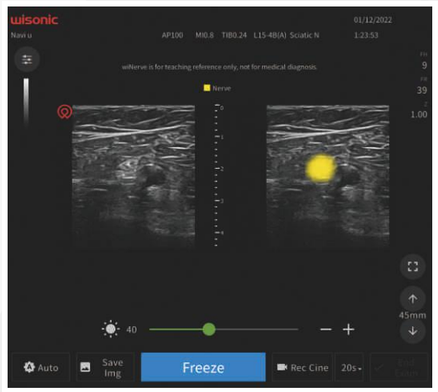
Interscalene BP



Axillary BP



Inguinal Femoral N



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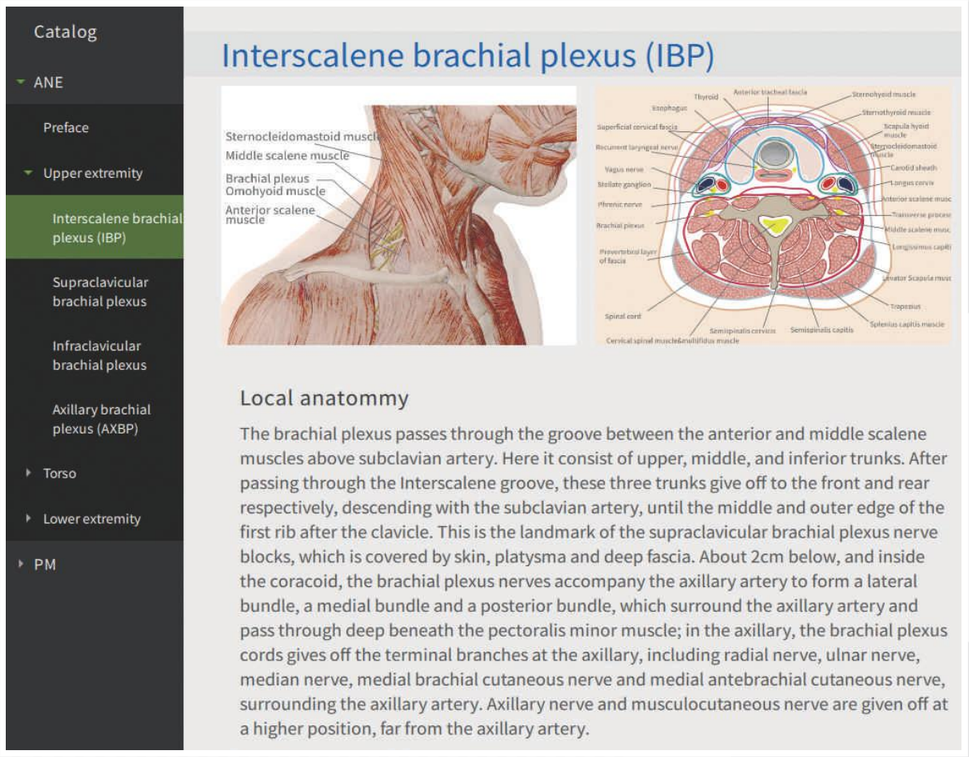
Education Solution

- **wiLearn Pro Education Center**

  Developed for improving learning curve, wiLearn Pro covers clinical and ultrasound knowledge of Regional Anesthesia and Pain Management, illustrating anatomic graphics, probe positioning, ultrasound images and block guidance.



- **wiShow Teaching Record**

  wiShow can simultaneously record ultrasound image, hands' movement and voice.
  The recorded video can be either exported or displayed on the screen via HDMI.

Dedicated Application

Navi offers efficient and intelligent nerve block and vascular cannulation guidance solutions. It serves as the "third eye" of anesthesiologists to help them manage the patient's cardiovascular and respiratory system, significantly reduce clinical risk and improve patient experience.

Nerve Block

Ideal in Detail Tissue Imaging

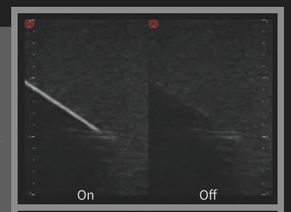
Navi was built on a Holo™ Platform, providing whole field best-in-class image quality and outstanding resolution.

Anesthesia-specific Image Presets

Reduces the steps of adjusting parameters and perfectly ensures the image quality.

wiNeedle Intelligent Needle Enhancement

Under linear probe, wiNeedle automatically steer the ultrasound beam, keeping beam vertical to the needle all the time. Under convex probe, wiNeedle traces the movement of needle tip automatically and spot in green.



wiGuide Magnetic Needle Tracking

Magnetic needle tracking technology provides accurate needle information, making precise punctures within easy reach.

Out-of-Plane Puncture

Vascular Cannulation

Real-time ultrasound imaging visualizes the operation path. A clear display of vascular structures improves the accuracy of cannulation.

Circulatory System Management

Make the monitoring and assessment of volume status efficient; ensure the timely detection of postoperative complications in the circulatory system.

Respiratory System Management

Dynamic monitoring of the lung condition, including pulmonary ventilation, provides fluid management guidance.

Comprehensive Range of Applications

The wide range of transducers availability offers possibilities in diverse applications, from large patients to the smallest of paediatrics–the Navi can do it all.The innovative mid-line design along with the project probe direction indicator provides outstanding accuracy and best user experience.

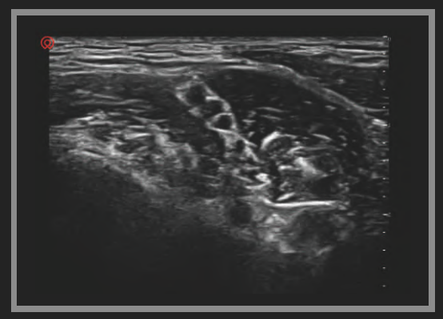
Probe Button

Smart-design button on both sides of probe, allows user to readily interact with the system by freeing both occupied hands.

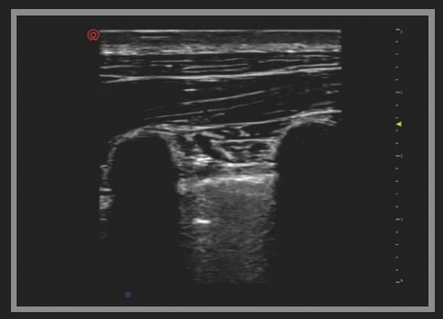
Hockey Stick Probe

A dedicated probe for distal extremity use, with very high frequency and light weight design, it is a perfect tool for excellent detail imaging and limited space operation.

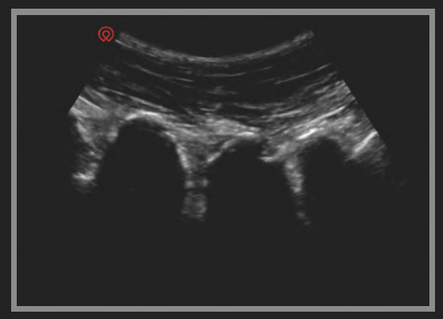
Outstanding Image Quality



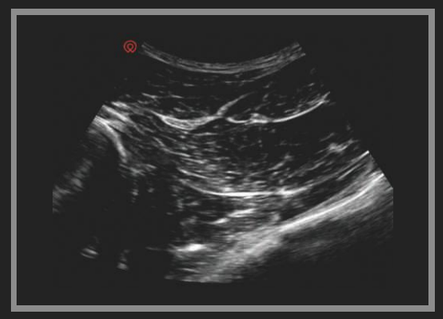
Brachial Plexus



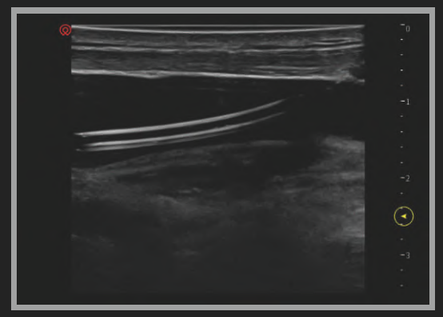
Intercostal Nerve



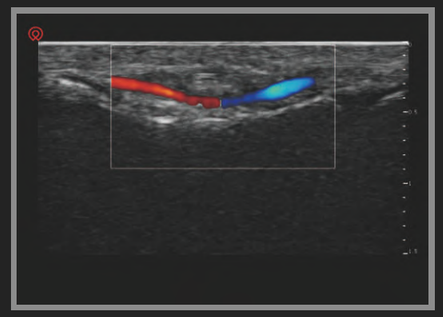
Vertebral



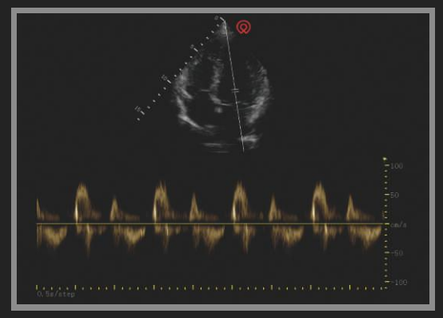
Sciatic Nerve



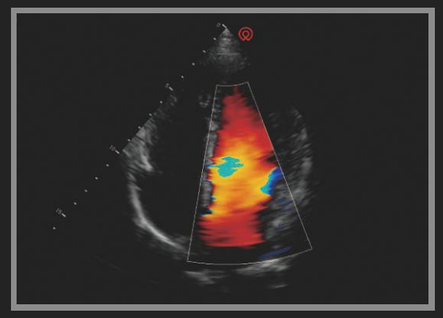
CVC



Digital Artery



Apical 4-Chamber Spectrum



Apical 4-Chamber