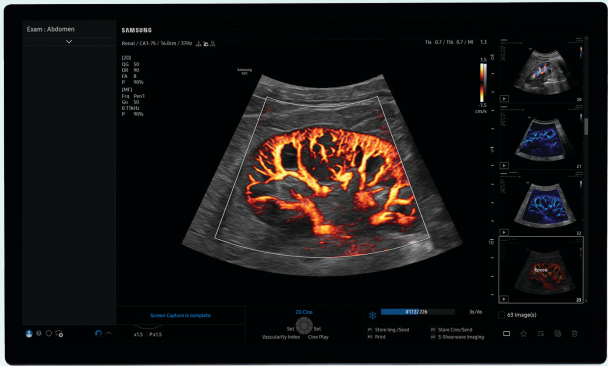


SAMSUNG



★ R20

Innovation
That Elevates



Samsung imaging architecture

This new imaging architecture is built on three pillars of innovation that advance every layer of image formation to maximize diagnostic accuracy across users, even in the most challenging patients:



Digital Beamforming

improves resolution and frame rates, and eliminates unwanted artifacts.



Third Harmonics

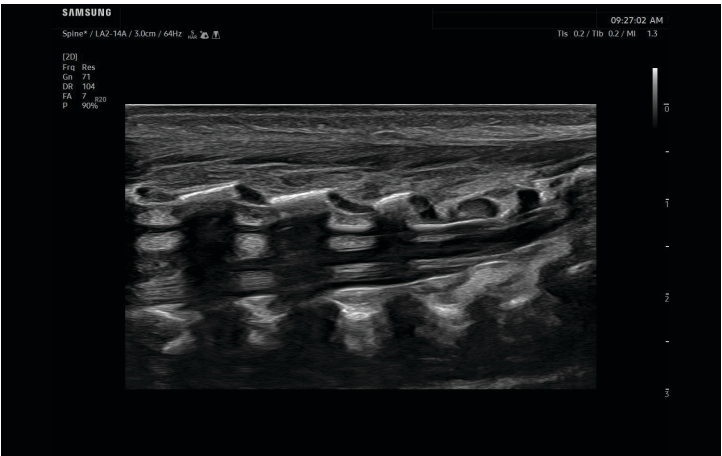
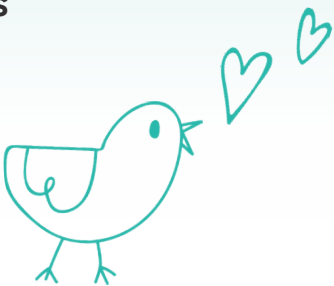
improves visualization of subtle details with superior contrast and axial resolution.



Adaptive Image Processing

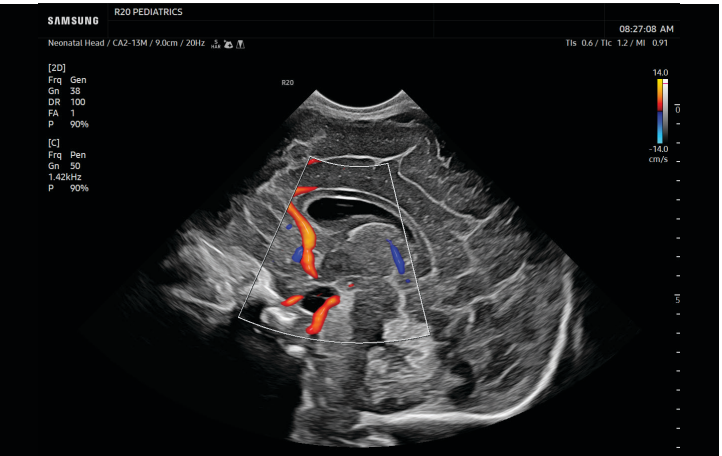
optimizes parameters in real-time for effortless scanning.

Built on a next generation imaging platform, the R20 enhances image quality at every stage to support accurate diagnoses for pediatric patients no matter how complex the case.



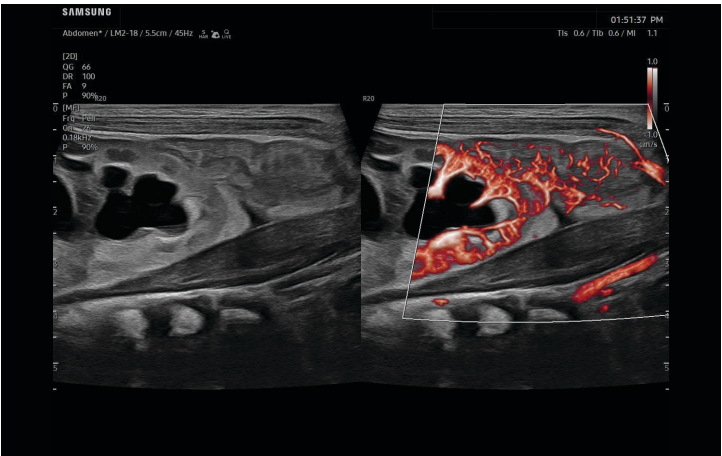
2D A-Focus™

A-Focus improves overall image uniformity and quality.



S-Flow™

S-Flow gives clear visualization of neonatal cerebral blood flow, enabling faster, more confident intracranial assessments.



MV-Flow™/LumiFlow™

MV-Flow detects and displays slow microvascular flow while minimizing artifacts.



Adaptive Image Process (AIP)

AIP with motion correction optimizes image quality in real-time for 2D and color Doppler imaging.



Innovations With Purpose

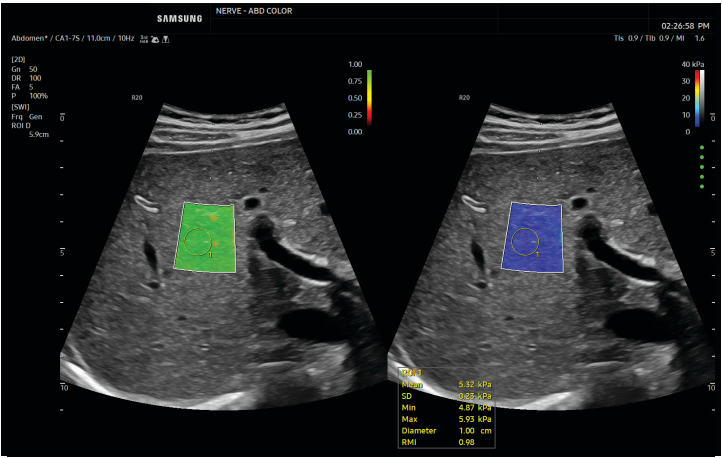
With pediatric specific transducers and customizable imaging presets, the R20 equips radiologists and sonographers with advanced tools tailored for pediatric exams.

Specialized transducers provide high-resolution neonatal head images, enhancing diagnostic confidence and clinical accuracy.



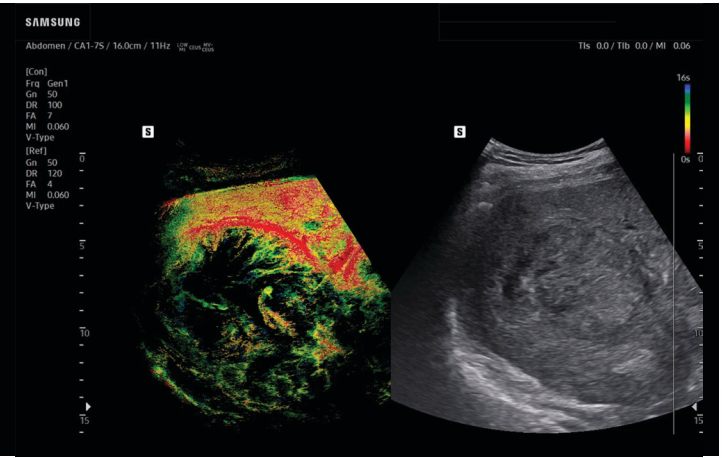
New 3rd gen transducer

Advanced tools with flexible pediatric settings help radiologists and sonographers optimize image quality across patient sizes and conditions.



EzShearwave™
EzSWI enhances Shearwave imaging by identifying optimal frame and region of interest (ROI) for liver stiffness evaluation.

70%
reduced clicks¹
57%
reduced time¹



Contrast Enhanced Ultrasound (CEUS)
CEUS and Time of Arrival (TOA) helps strengthen diagnostic confidence.



Comfort By Design

With customizable MyTune™ lighting, user presets and playful system wraps, the R20 helps make each ultrasound more comforting. Its ergonomic design supports sonographers so they can focus on confident, compassionate pediatric care.



Personalized for you.



User logins



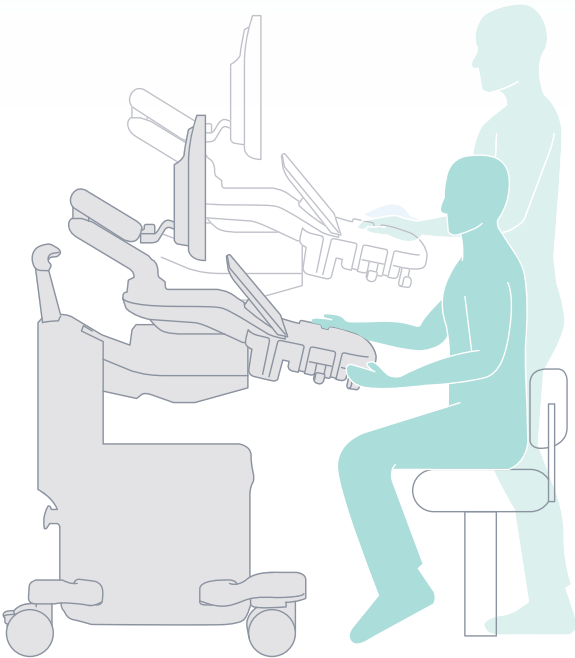
Imaging presets and settings



Mood lighting



Touchscreen layout and color



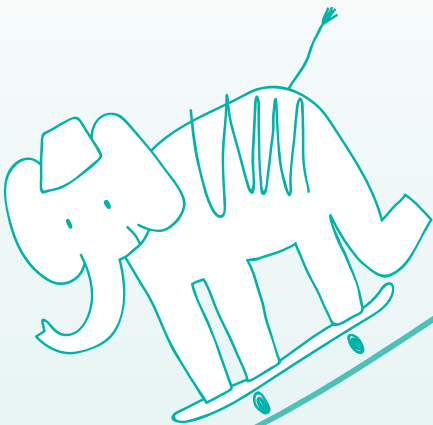
Meets or exceeds
100%
of ergonomic
standards²

Accommodates
users from the
5th to 95th
percentile²



MyTune

Allows users to personalize layouts, imaging presets, and settings, as well as backlighting color, to reduce setup time and make every exam comfortable.





1 Keystroke savings are based on internal trials and may vary with exam complexity and operator preferences. Data on file.
2 Source: Whitepaper. Sound Ergonomics. Samsung R20 Ergonomic Evaluation. 2025.