

Samsung Medison is one of the world's leading researchers, developers and manufacturers of ultrasound and other medical imaging products. Founded in 1985, Samsung Medison was acquired by Samsung Electronics in February 2011. Throughout its history, the company has achieved a series of technological breakthroughs, such as introducing the world's first commercially available 3D and 4D diagnostic ultrasound scanners. Samsung Medison's range of machines now covers everything from the lightest and most portable of scanners, to the very latest and most sophisticated in ultrasound technology. Samsung Medison also distributes digital X-rays and other medical equipments manufactured by Samsung.

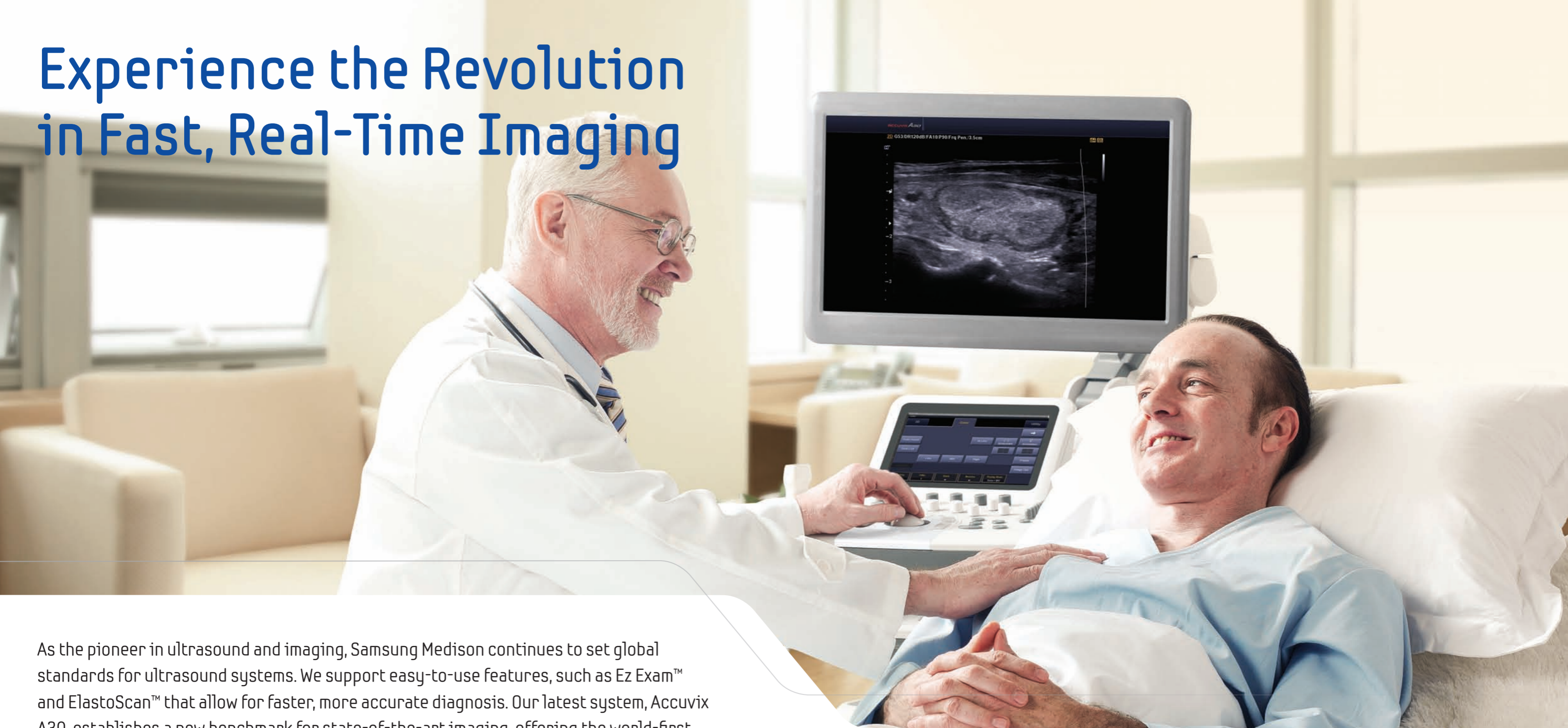
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ACCUVIX A30
The ultrasound system that sets new standards

CT-A30-GI-CWW-0210-EN

Experience the Revolution in Fast, Real-Time Imaging



As the pioneer in ultrasound and imaging, Samsung Medison continues to set global standards for ultrasound systems. We support easy-to-use features, such as Ez Exam™ and ElastoScan™ that allow for faster, more accurate diagnosis. Our latest system, Accuvix A30, establishes a new benchmark for state-of-the-art imaging, offering the world-first 21.5-inch LED monitor, touch controls, enhanced 3D performance, increased detection rates, unparalleled automation, user-friendly interface and ergonomic design.

Much faster and easier patient care is possible with Accuvix A30.

World-First 21.5-inch LED Monitor

High-quality color image representation with wider screen and advanced technology.

Breakthrough Technology

Exceptional resolution for Ob/Gyn and general imaging.

Advanced Ergonomic Design

Easy positioning and up-and-down and side-to-side adjustable flexibility.

Streamlined Workflow

Faster protocols with convenient functionality.

Superior Scans

Performing at an upgraded level of swift and accurate patient diagnosis and treatment, Samsung Medison's smart technology combines standard-setting capabilities with cutting-edge imaging to provide the most exceptional resolution and measurement.

21.5-inch wide LED monitor

With the release of the world's first 21.5-inch LED ultrasound monitor, Accuvix A30 introduces high-quality color image representation. The new monitor also improves performance over black-and-white monitors. With its wider screen and advanced technology, Accuvix A30 delivers superior resolution than the past.

High-Performance Engine

The powerful engine helps to enhance 2D ultrasound imaging while more power improves the quality of color performance further. The result shows more accurate diagnostic performance.

Color Opt Flow™

The exclusive color technology supports quicker and sharper color image representations of blood flow. Upgraded capabilities also show changing color speed at slow, moderate or fast levels. Users can preset applications - specific ranges to evaluate optimized color images of blood flow.



Liver Hemangioma 2D image



Color Opt Flow™

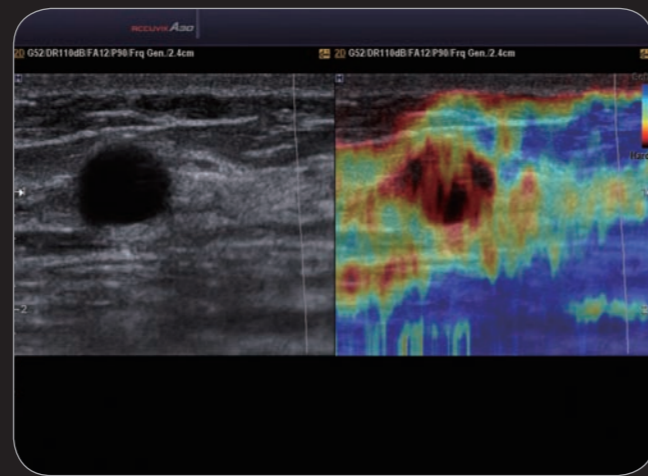


Standard-Setting for Accurate Diagnosis

Our state-of-the-art diagnostic systems rely on innovative technology to raise the imaging and ultrasound benchmarks. Thanks to improved and sharper contrast resolution, diagnosis is faster and more precise. With advanced construction and analysis of previously unattainable images, we are helping to improve the accuracy, timetable and efficiency of diagnosis under all possible conditions.



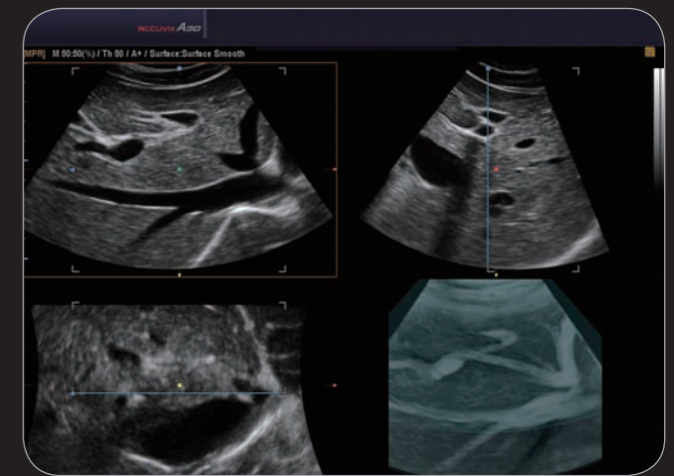
Achilles tendon



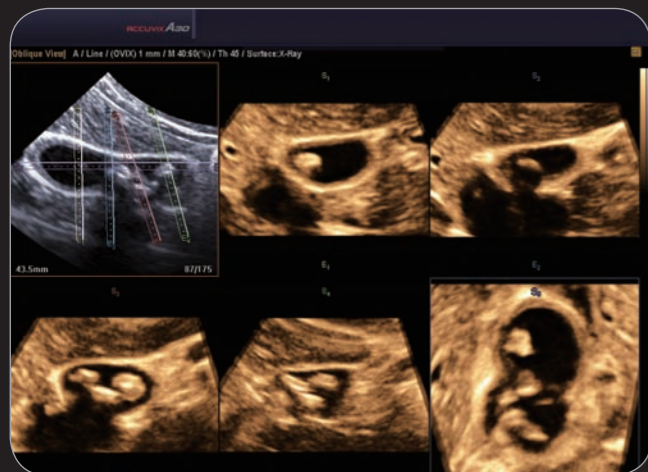
Breast ElastScan™



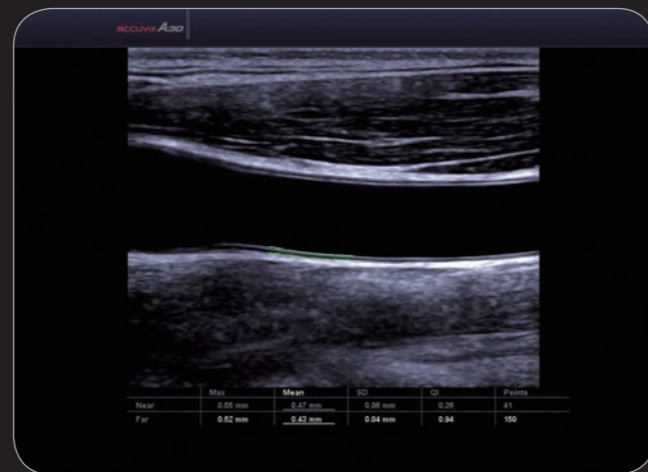
Uterus Adenomyosis



Liver with 3D inversion mode



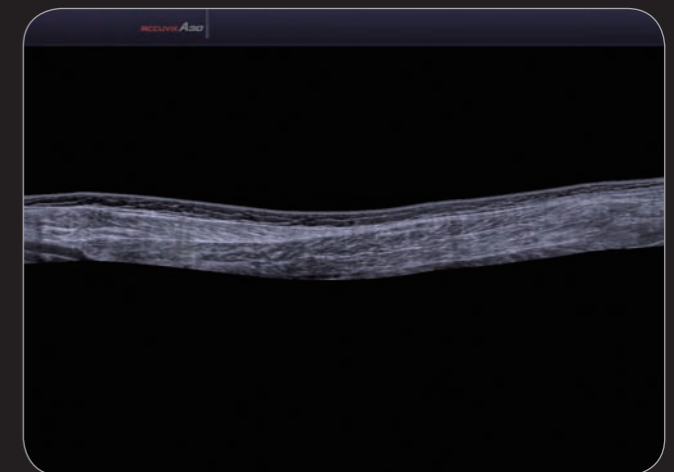
GB stones with 3D OVIX mode



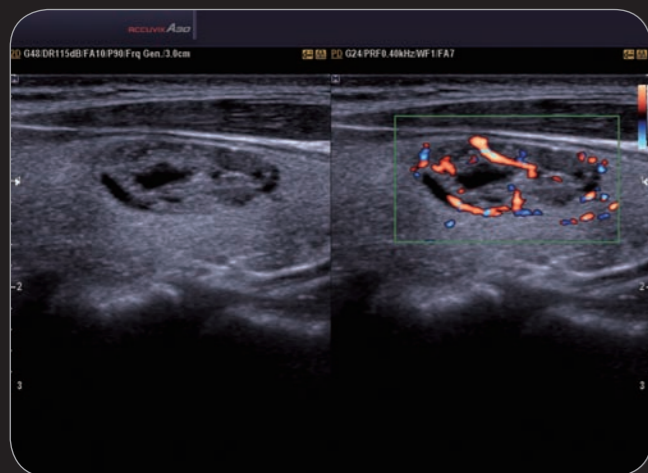
CCA Auto IMT



Renal Vessels PW Doppler



Panoramic image



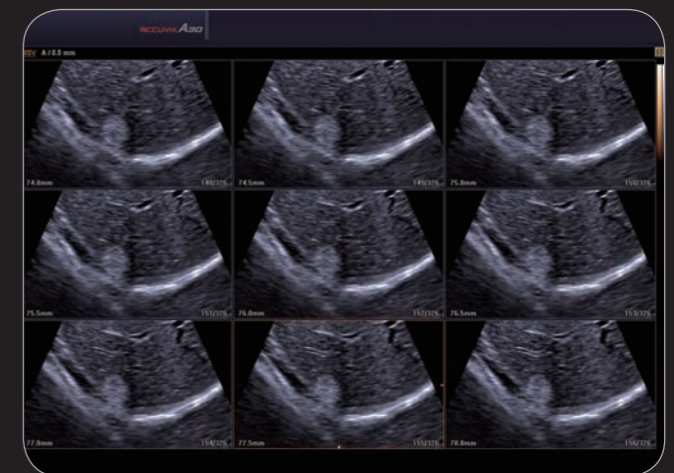
Thyroid adenoma dual image



GB multiple stones



Liver with 3D OVIX mode



Liver Hemangioma with 3D MSV

First-Rate First Look



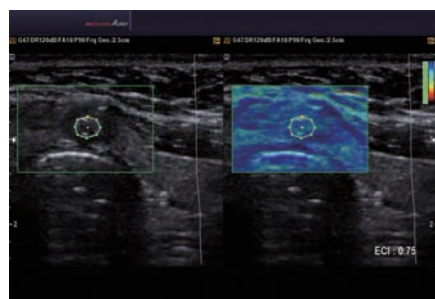
Utilizing technology that pushes the current limits to ensure easier and more accurate testing, our systems dramatically improve image clarity. We are raising the bar on internal organ, vascular and cardiac diagnosis.

ElastoScan™

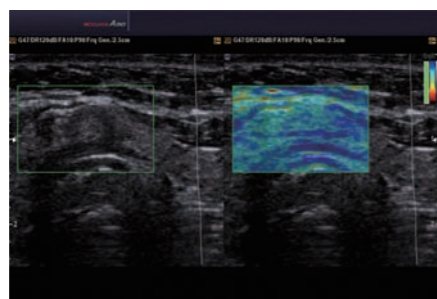
ElastoScan™ helps to detect malignant tumors and other diseases that typically are undetectable through conventional studies.

Thyroid ElastoScan™

Thyroid ElastoScan™ offers an ElastoScan™ image without compression, using CCA pulsation. It also provides a quantification tool to measure the possibility of malignant nodules.



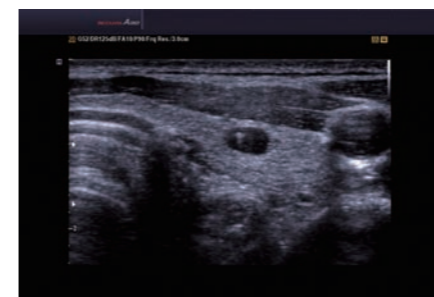
Thyroid isthmus adenoma ElastoScan™ with ECI



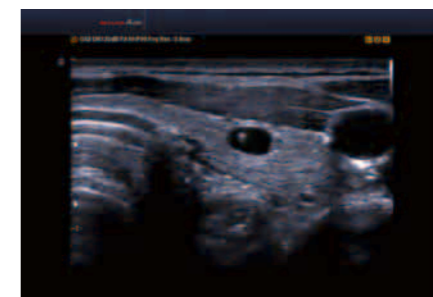
Thyroid isthmus adenoma ElastoScan™

DMR plus™

DMR plus™ is a completely new engine that integrates Samsung software and enhances image quality. The DMR plus™ engine uses a noise reduction filter to improve edge enhancement and contributes to better 2D image performance.



Thyroid Colloid Cyst without DMR plus™



Thyroid Colloid Cyst with DMR plus™

Advanced Probes

- **C5-8:** An improved probe that offers better image quality for neonatal, pediatrics, deep vessels, MSK and bowel functions.
- **L4-7:** Capable of in-depth scanning while maintaining resolution, the L4-7 is suitable for small parts, MSK and vascular exams.
- **CW 6.0:** This new higher-frequency CW probe assesses cardiac vessels and vascular development.

Effortless, Easy Process



EZ Exam™

Ez Exam™ transforms frequently used step-by-step exams into a single, faster and easier procedure.



Touch-screen menu of ADVR™

Easy-to-operate systems will speed testing, storage, review and correct diagnosis. Our customized measurement menus allow quicker access to functions used most frequently. Integrated functionality and design streamlines protocols for quicker, intuitive and more reliable workflow.

ADVR™

A feature of Integrated real-time DVD recording, ADVR™ permits simultaneous scanning and recording, providing a quick, convenient environment and allowing users to choose a desired recording area.



Ez Exam™ screen in liver exam

QuickScan™

QuickScan™ maximizes workflow efficiency by automatically optimizing key imaging parameters with just a touch of a button.



Renal artery PW without QuickScan™



Renal artery PW with QuickScan™

Intuitive Design

Designed to create higher levels of user comfort and ease of operation in all conditions, our systems can be transported and locked effortlessly. The intuitive control panel and large 21.5-inch LED monitor easily adjusts to each user's height. Our ergonomic design lets healthcare professionals fully focus on patients.



Articulated monitor arm
Height: adjustable +260mm (1415~1760 mm)
Rotate: adjustable +/- 50° from center, others +/- 130° from center
Tilt: adjustable +45°/-15° from center
Forward/Back: adjustable +339.4 mm

Convenient control panel
Rotation: 60°, adjustable +/- 30°
Height: adjustable +180mm

Flexible controls
• Panel adjusts side-to-side and up-and-down for user comfort.

21.5-inch LED monitor

The monitor's controls provide unprecedented flexibility and user comfort, adjusting both up and down and side to side for personalized performance.



Renewal UI

- Features more preset modes to reduce multiple tasks.
- Separates settings for User Preset and Basic Preset for easier use.



Central locking

- Swivels easily and locks with conveniently placed foot controls.





Optimized Probe Set Configuration

Volume Probes

V2-6	V4-8	V5-9
		
<ul style="list-style-type: none"> · Application: Abdomen, Gynecology, OB · Center frequency: 3.15MHz · Field of view: 87° 	<ul style="list-style-type: none"> · Application: Abdomen, OB, Gynecology · Center frequency: 4.4MHz · Field of view: 85° 	<ul style="list-style-type: none"> · Application: OB, Gynecology, Urology · Center frequency: 6.5MHz · Field of view: 150°



Convex Probes

C2-6IC	C5-8
	
<ul style="list-style-type: none"> · Application: Abdomen, OB, Gynecology · Center frequency: 4.0MHz · Field of view: 58.12° 	<ul style="list-style-type: none"> · Application: Pediatric, Vascular · Center frequency: 6.5MHz · Field of view: 92°

Linear Probes

L4-7	L5-13IS	L7-16IS
		
<ul style="list-style-type: none"> · Application: Musculoskeletal, Small Parts, Vascular Abdomen · Center frequency: 5.15MHz · Field of view: 44.16mm 	<ul style="list-style-type: none"> · Application: Musculoskeletal, Small Parts, Vascular · Center frequency: 8.0MHz · Field of view: 38.4mm 	<ul style="list-style-type: none"> · Application: Musculoskeletal, Small Parts, Vascular · Center frequency: 12.0MHz · Field of view: 38.4mm


Endo Cavity Probes

EC4-9IS	VR5-9
	
<ul style="list-style-type: none"> · Application: Gynecology, OB, Urology · Center frequency: 6.5MHz · Field of view: 148.9° 	<ul style="list-style-type: none"> · Application: Gynecology, OB, Urology · Center frequency: 5.95MHz · Field of view: 150.3°

CW Pencil Type Probes

CW2.0	CW4.0	CW6.0
		
<ul style="list-style-type: none"> · Application: Cardiac · Center frequency: 2.0MHz 	<ul style="list-style-type: none"> · Application: Cardiac · Center frequency: 4.0MHz 	<ul style="list-style-type: none"> · Application: Cardiac, Pediatric · Center frequency: 6.0MHz

Phased Array Probes

P2-4BA

<ul style="list-style-type: none"> · Application: Cardiac, Abdomen, TCD · Center frequency: 2.7MHz · Field of view: 90°