Secure your care
Samsung Healthcare Cybersecurity

Bringing peace of mind to your hospital and patients

To address this emerging need for cybersecurity, Samsung provides a solution to support our customers by offering the tools to protect against cyberthreats that may compromise invaluable patient data and ultimately degrade the quality of care. Samsung's Cybersecurity Solution strives to abide by the CIA triad (Confidentiality, Integrity, and Availability) and takes a comprehensive approach to providing impeccable protection with the following pillars: Intrusion prevention, Access control, and Data protection.

Intrusion prevention

Tools for protecting against cyber threats from external attacks

- Security tools include Anti-virus & Firewall
- Secured operating system

Access control

Strengthened surveillance for tracking the access of patient information

- Account management
- Enhanced audit trail

Data protection

Encryption functions for safeguarding data whether at-rest or in-transit

- Data protection
- Transmission security

About Samsung Medison CO., LTD.

Samsung Medison, an affiliate of Samsung Electronics, is a global medical company founded in 1985. With a mission to bring health and well-being to people's lives, the company manufactures diagnostic ultrasound systems around the world across various medical fields. Samsung Medison has commercialized the Live 3D technology in 2001 and since being part of Samsung Electronics in 2011, it is integrating IT, image processing, semiconductor and communication technologies into ultrasound devices for efficient and confident diagnosis.

- This product, features, options and transducers are not commercially available in all countries.
- Due to regulatory reasons their future availability cannot be guaranteed. Please contact your local sales network for further details.
- This product is a medical device, please read the user manual carefully before use.
- S-Vue Transducer™ is the name of Samsung's advanced transducer technology.
- Beyond Experience™ is not the name of a function, but is Samsung's marketing terminology.
- Optical Disk Drive is not available for this product.
1. Optional feature which may require additional purchase.
2. Clinical image acquired by the HS60 V1.00 ultrasound system.
3. Clinical image acquired by the HS60 V2.00 ultrasound system.
4. Clinical image acquired by the HS60 V2.03 ultrasound system.
5. S-Detect™ for Breast and S-Detect™ for Thyroid are not available in Canada.
   In the United States, the Margin, Posterior Features, and Echo Pattern, the classification items of S-Detect™ for Breast are manual, thus these classification items are not automatically provided.
   Also the recommendations about whether results are benign or malignant in S-Detect™ are not applicable in the United States
6. Strain value for ElastoScan+™ is not applicable in Canada and the United States.

SAMSUNG MEDISON CO., LTD.

CT-HS60 V2.03-GI-IMC-201224-EN

CE 0123

Relentless Innovation
for your diagnostic confidence

SAMSUNG

Focus on your needs

Ultrasound system
HS60 Powered by CrystalLive™

Scan code or visit
www.samsunghealthcare.com
to learn more

Relentless Innovation
for your diagnostic confidence

We make every endeavor to deliver innovative products and solutions that enable healthcare professionals to enhance diagnostic confidence.

Samsung's HS60 ultrasound system has adopted this integrated solution in order to provide exquisite image quality and expert tools that enable you to focus on your specific needs.

Powered by CrystalLive™

CrystalLive™ is Samsung's up-to-date ultrasound imaging engine with enhanced 2D image processing, 3D rendering and color signal processing, to offer outstanding image performance and efficient workflow during complex cases.

Samsung Ultrasound System **HS60**

S-Vue Transducer™

S-Vue Transducer™ provides more efficient piezoelectric properties, resulting in wider bandwidths that enable better penetration and higher quality resolution.

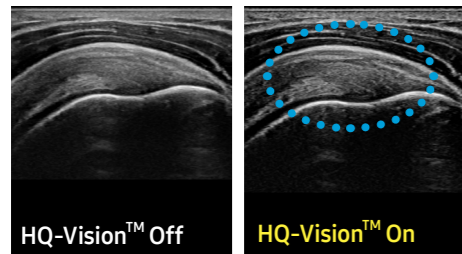S-Vue Transducer™
CA1-7AD, CA2-9AD, CA3-10A, CV1-8AD, PA1-5A
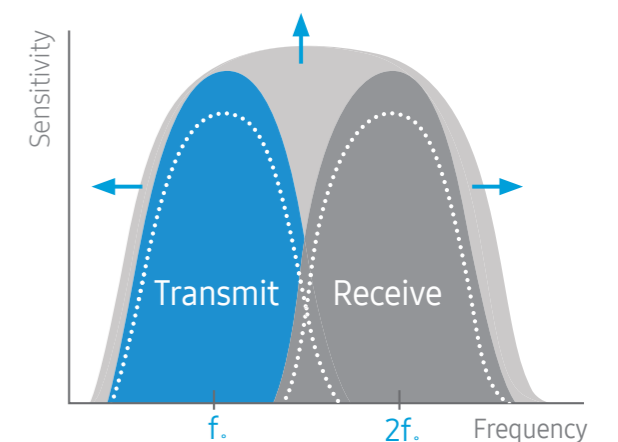
* The image is for illustrational purposes only and might differ from the actual performance of the device.

More Valuable Information

Samsung's advanced imaging technologies can provide new insights based on highly detailed images. This valuable information enables confident decision making.
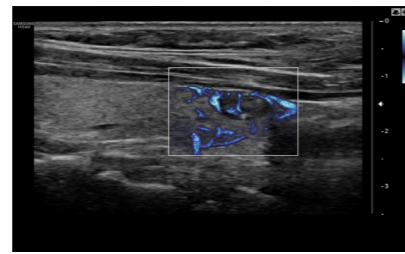
HQ-Vision™ [1]

HQ-Vision™ provides clearer images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.
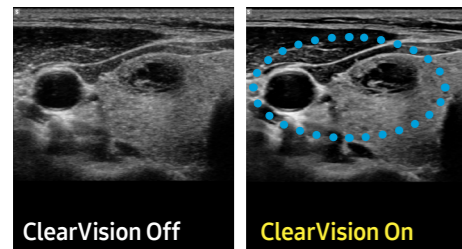
HQ-Vision™ Off | **HQ-Vision™ On**

Shoulder [3]

ClearVision

The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performance. In addition, ClearVision provides application-specific optimization and advanced temporal resolution in live scan mode.

ClearVision Off | **ClearVision On**

Thyroid [3]

S-Harmonic™

S-Harmonic™ mitigates the signal noise, enhances contrast, and provides uniform image performance of overall image area from near-to-far.

S-Harmonic™ Off | **S-Harmonic™ On**

Gall Bladder [3]

Samsung Ultrasound System HS60

MV-Flow™ [1]

MV-Flow™ visualizes microcirculatory and slow blood flow to display the intensity in color. It is suitable for observation of microcirculatory and volume of slow blood flow.

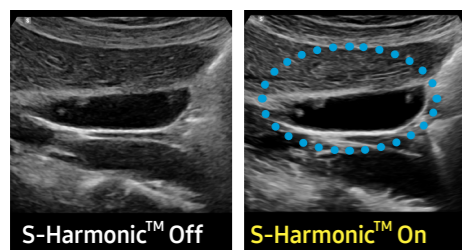Thyroid mass with MV-Flow™ [4]

S-Flow™

The function uses directional power doppler technology, enabling you to examine even the peripheral vessels. It displays information on the intensity and direction of blood flow.

Liver with S-Flow™ [3]

LumiFlow™ [1]

LumiFlow™ is a function that visualizes blood flow in three dimensional-like to help understand the structure of blood flow and small vessels intuitively.
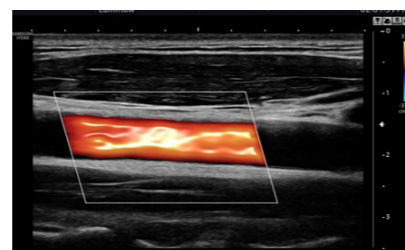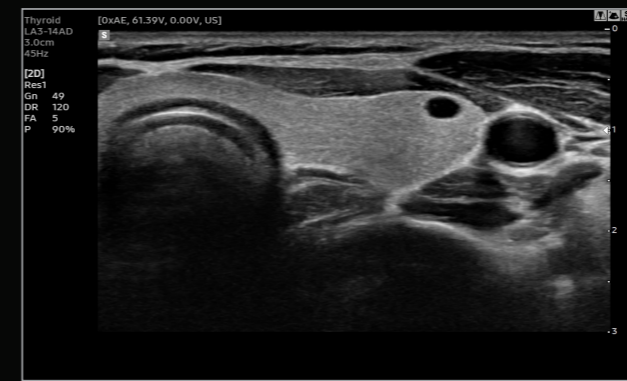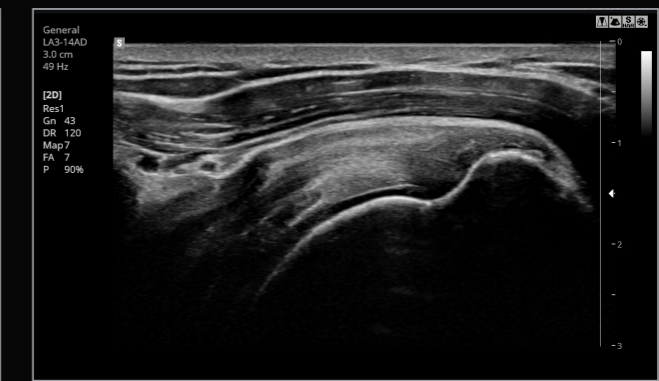
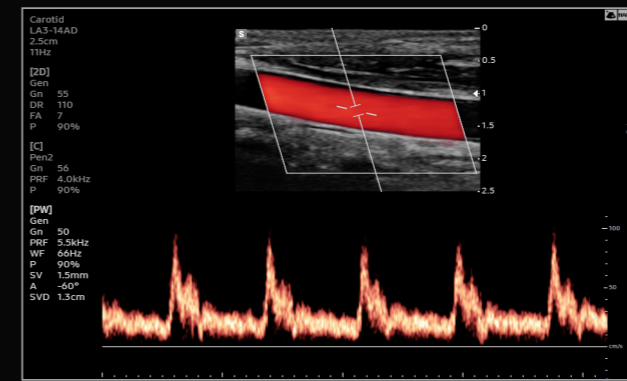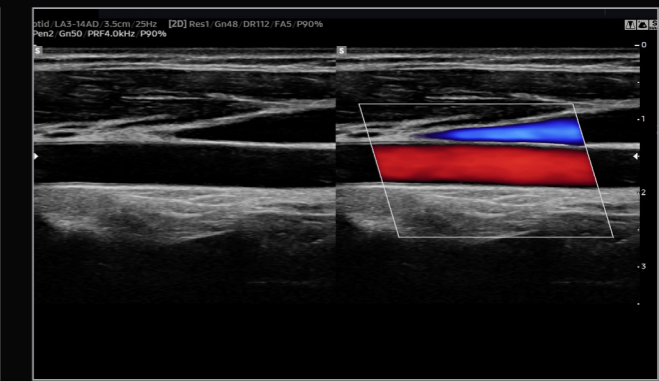Carotid Doppler with LumiFlow™ [4]

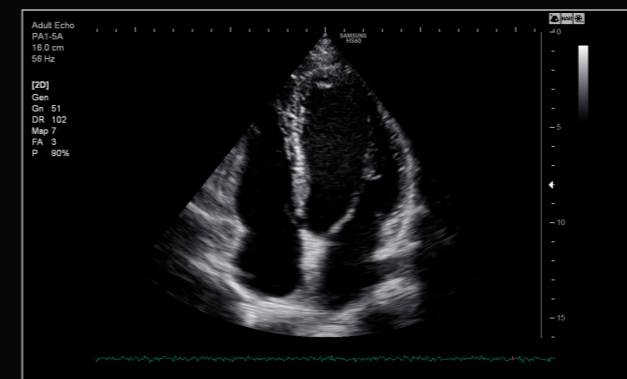Liver [3]

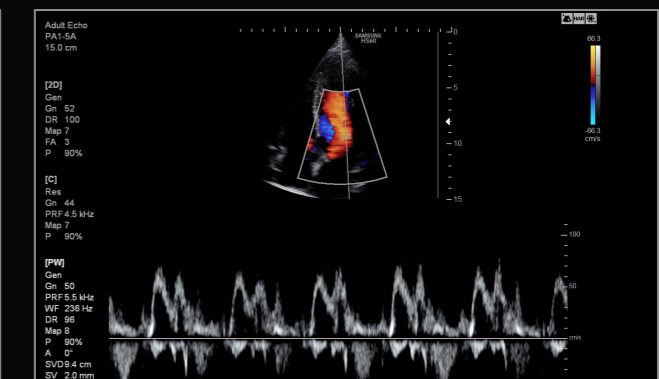Pancreas [3]

Thyroid [3]

Shoulder [2]

Carotid with PW [3]

Carotid with Color [3]

4 chamber view [2]

Mitral valve with PW [2]

Increased Consistency

Thanks to its specially designed solutions, including an extensive range of quantification functions, the HS60 creates consistency to ensure accurate measurement.

Strain+ [1]

Strain+ is a quantitative tool for measuring global and segmental wall motion of the left ventricle (LV). In Strain+, three standard LV views and a Bull's Eye are displayed in a quad screen for easy and quick assessment of the LV function.
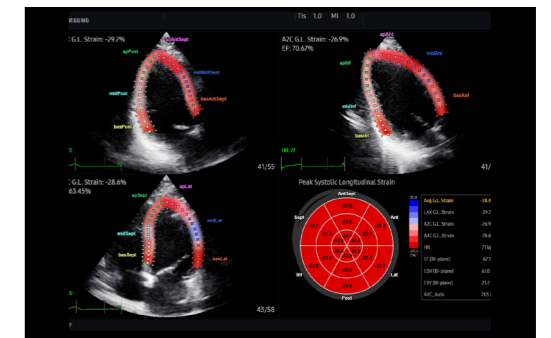
Adult echo [3]

StressEcho [1]

The StressEcho package includes wall motion scoring and reporting. It includes exercise StressEcho, pharmacologic StressEcho, diastolic StressEcho and free programmable StressEcho.
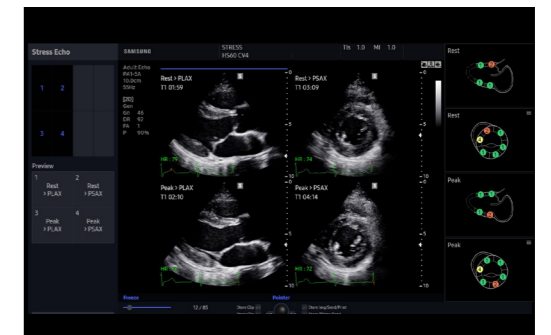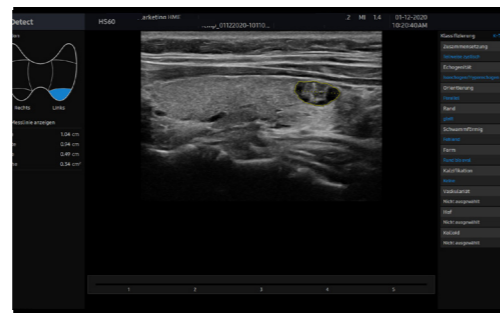

Adult echo [3]

S-Detect™ for Thyroid [1,5]

The feature, which analyzes selected lesions in the thyroid ultrasound study and shows the analysis data, provides standardized reporting based on the ATA, BTA, EU-TIRADS and K-TIRADS guidelines; and helps diagnosis with the streamlined workflow.

* ATA: American Thyroid Association
* BTA: British Thyroid Association
* EU-TIRADS: European Thyroid Imaging Reporting and Data System
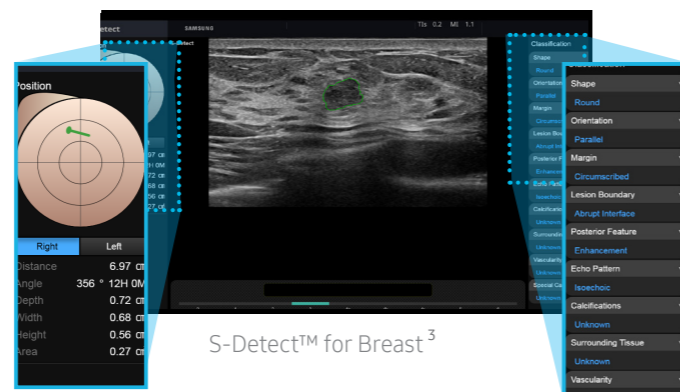* K-TIRADS: Korean Thyroid Imaging Reporting and Data System

S-Detect™ for Thyroid [4]

ElastoScan™ [1,6]

A diagnostic ultrasound technique for imaging elasticity, ElastoScan™ observes the transformation of the tissue strain by the internal or external forces, and converts relative stiffness into a color image.

Breast [2]

S-Detect™ for Breast [1,5]

The feature, which analyzes selected lesions in the breast ultrasound study and shows the analysis data, applies BI-RADS ATLAS* (Breast Imaging-Reporting and Data System, Atlas) to provide standardized reporting; and helps diagnosis with the streamlined workflow.
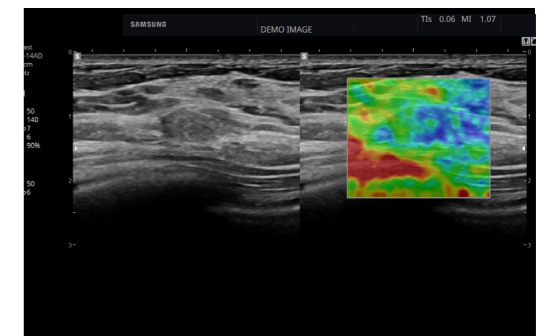
* It is a registered trademark of ACR and all rights reserved by ACR.

S-Detect™ for Breast [3]

E-Strain™ [1]

E-Strain™ is designed to enable quick and easy calculation of the strain ratio between two regions of interest for day-to-day practice. Simply by setting the two targets, you can receive accurate, consistent results and make informed decisions in many types of diagnostic procedures.
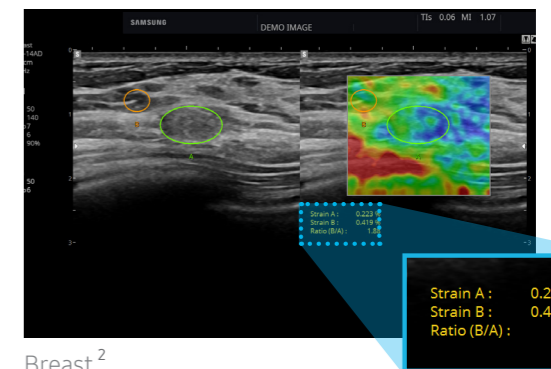

Breast [2]

Enhanced Efficiency

The HS60 has been designed to enhance efficiency through reducing keystrokes, enabling you to streamline your workflow by combining multiple actions into one. Its user-oriented design also enables you to focus on your patient, reducing the complexity and stress of operating the system.

QuickPreset

With one touch, the user can select the most common transducer and preset combinations. QuickPreset increases efficiency to make a full day of scanning simple and easy.
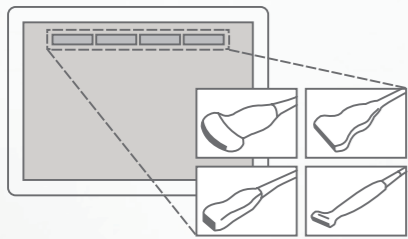
EzCompare™

EzCompare™ allows easy access to previously taken exams to evaluate corresponding views in a side-by-side display. For greater efficiency, EzCompare™ automatically matches the image settings, annotations, and bodymarkers from the prior study.

Measure Navigation

When placing a caliper, Measure Navigation automatically magnifies the area of interest using a picture-in-picture window to allow more precise placement of the calipers. This is especially useful when measuring small structures or when accuracy is critical.

21.5 inch

10.1 inch
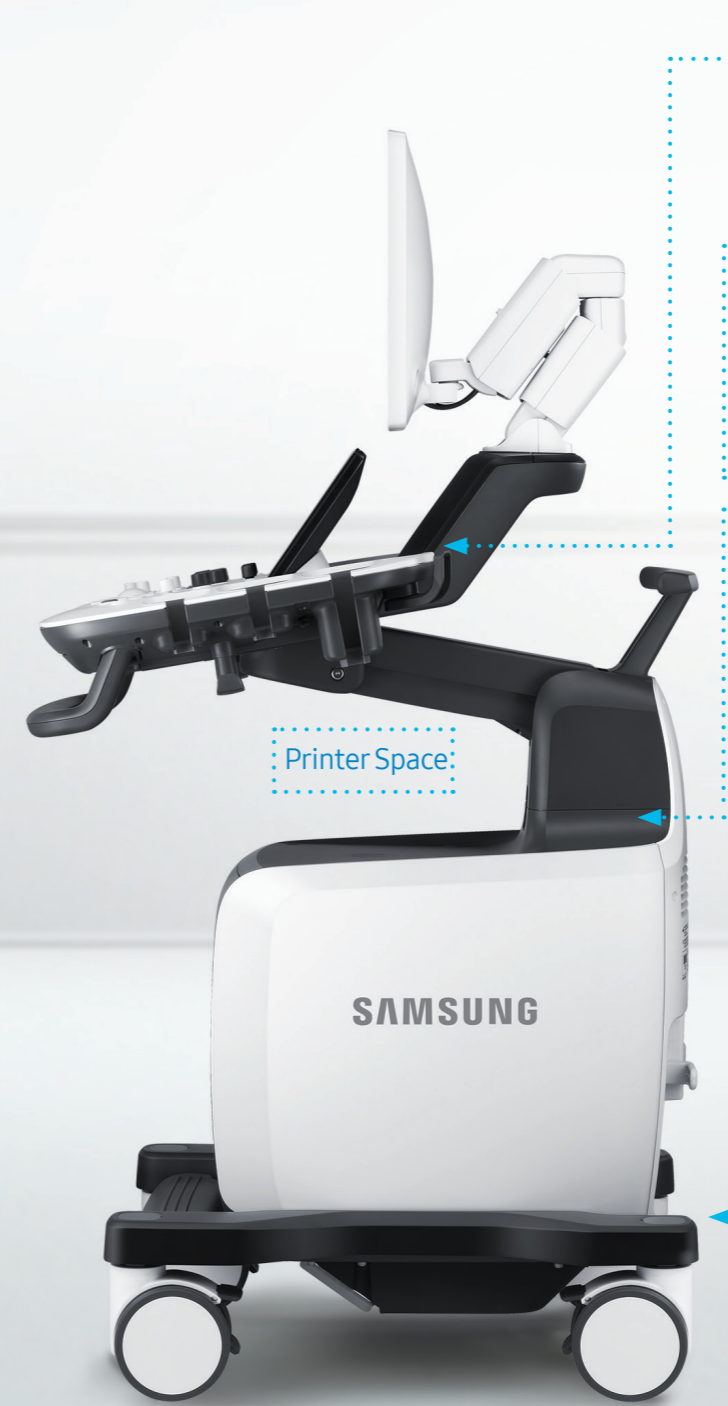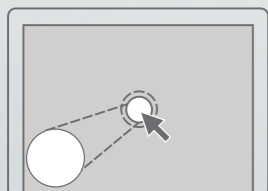
Gel warmer [1]

Two-level adjustable gel warmer maintains ultrasound gel at a comfortable temperature.

Solid State Drive (SSD)

The HS60 uses advanced solid state drives. These stable and dependable drives allow faster bootup, better frame rates, and fast processing speeds.

BatteryAssist™ [1]

BatteryAssist™ provides the system with battery power. This serves two important purposes. It enables users to perform scans and transport the ultrasound system to other locations in environments where AC power may not be available temporarily.

Printer Space

Clever use of space

With its reduced weight and compact size, the HS60 takes up minimal space and can move freely. In addition, its streamlined rear profile allows you to park the HS60 in small spaces.
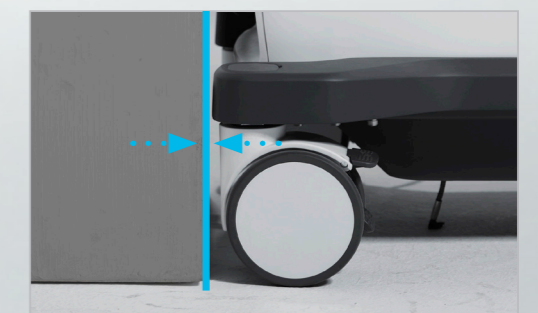
Comprehensive Selection of Transducers
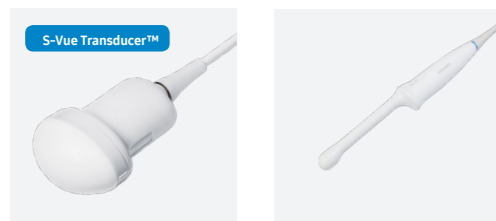
Curved array transducers

CA1-7AD
abdomen,
obstetrics, gynecology,
musculoskeletal, pediatric,
vascular, urology

CA2-9AD
abdomen,
obstetrics, gynecology,
musculoskeletal, pediatric,
vascular, urology

CA3-10A
abdomen,
obstetrics, gynecology,
musculoskeletal, pediatric,
vascular, urology

CF4-9
abdomen,
obstetrics, gynecology,
musculoskeletal, pediatric,
vascular, urology

Linear array transducers

LA3-14AD
small parts,
vascular, musculoskeletal,
abdomen, obstetrics,
gynecology, pediatric

LA3-16A
small parts,
vascular, musculoskeletal,
abdomen, obstetrics,
gynecology, pediatric

LA2-9A
small parts,
vascular, musculoskeletal,
abdomen, obstetrics,
gynecology, pediatric

LA4-18BD
small parts,
vascular, musculoskeletal,
abdomen, obstetrics,
gynecology, pediatric

LA3-16AI
small parts,
vascular, musculoskeletal,
abdomen, obstetrics,
gynecology, pediatric

Volume transducers

CV1-8AD
abdomen,
obstetrics, gynecology,
musculoskeletal,
pediatric,
vascular, urology

EV2-10A
obstetrics,
gynecology, urology

Endo-cavity transducers

EA2-11AV
obstetrics,
gynecology, urology

EA2-11AR
obstetrics,
gynecology, urology

EA2-11B
obstetrics,
gynecology, urology

Phased array transducers

PA1-5A
abdomen,
cardiac, vascular, pediatric

PA3-8B
abdomen,
cardiac, vascular,
pediatric

PA4-12B
abdomen,
cardiac, vascular,
pediatric

CW transducers

CW6.0
cardiac,
vascular

DP2B
cardiac,
vascular

TEE transducers

MMPT3-7
cardiac

* Some of the transducers may not be available in some countries.