

Establish everyday efficiency

HS40



SAMSUNG

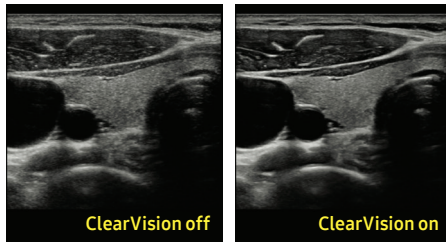
Extraordinary image quality and enhanced workflow tools for exceptional care

Samsung's advanced imaging technologies help reduce signal noise and artifact providing clear, detail images. Workflow enhancing tools aid in efficiently moving through the ultrasound exam so you can keep your focus where it needs to be – on your patient.



ClearVision™

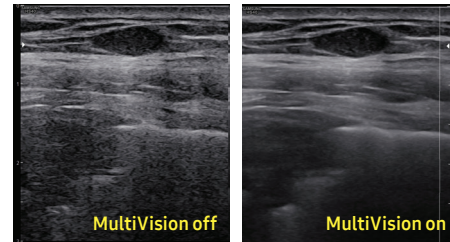
Clear Vision is an advanced image processing technology designed to enhance interface definition and create sharper 2D images for optimal diagnostic performance. ClearVision also provides application-specific optimization and superb contrast resolution.



Thyroid

MultiVision

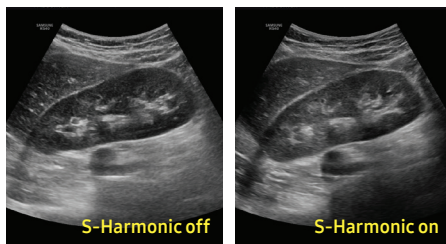
MultiVision transmits pulses from multiple beam path directions which are then combined to produce one image with enhanced contrast resolution. MultiVision helps decrease the appearance of noise artifact for more confident image assessment.



Breast

S-Harmonic™

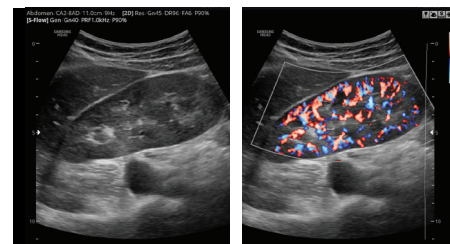
This new harmonic technology provides greater image uniformity from near to far field while reducing signal noise. Combined with ClearVision and MultiVision, S-Harmonic improves the image quality of HS40.



Kidney

S-Flow™

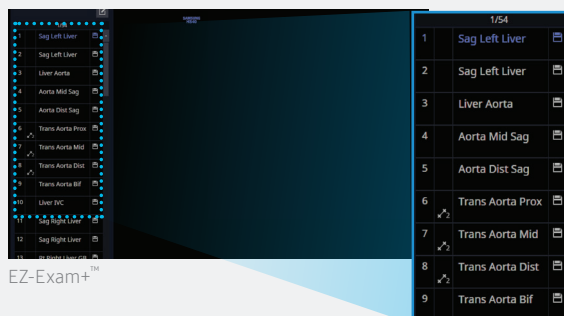
A sophisticated color Doppler technology with greater sensitivity, S-Flow detects low intensity blood flow. It enables accurate diagnosis when the blood flow examination is especially difficult.



Kidney

EZ-Exam+™

EZ-Exam+ transforms the ultrasound examination into a well-organized streamlined process. EZ-Exam+ enables the user to create an efficient diagnostic environment storing optimized and preferred protocols within EZ-Exam+.



EZ-Exam+

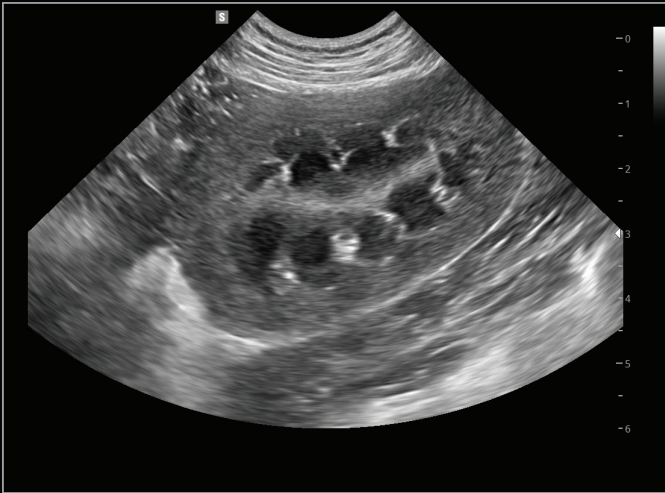
Quick Preset

With one touch, the user can select the most common transducer and preset combinations. Quick Preset maximizes efficiency to make a full day of scanning simple and easy.

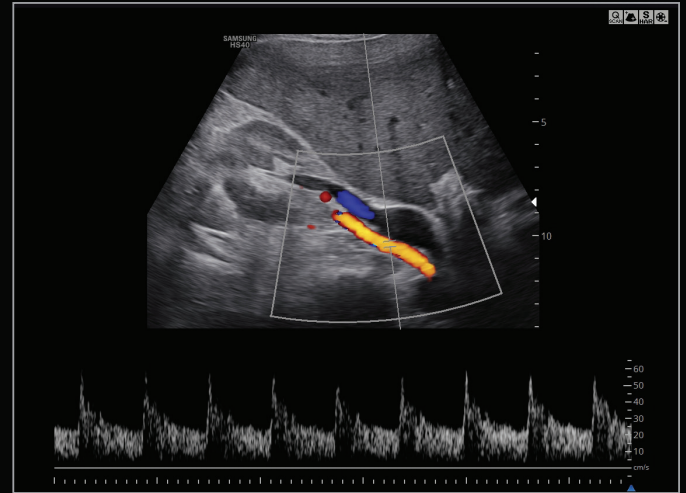


CA2-8AD

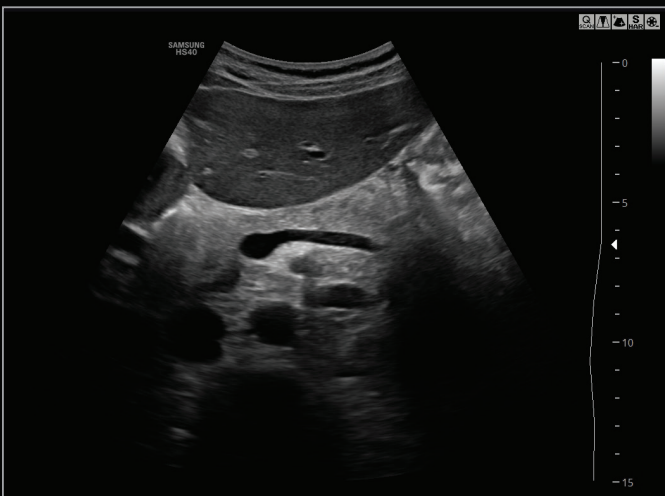
Image quality you can see



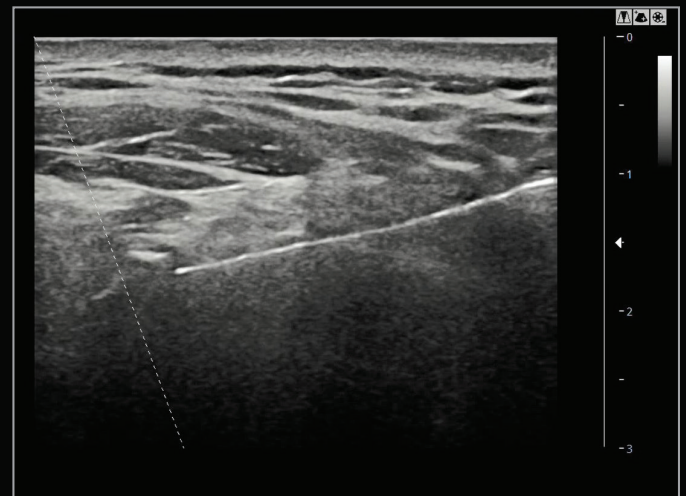
Kidney



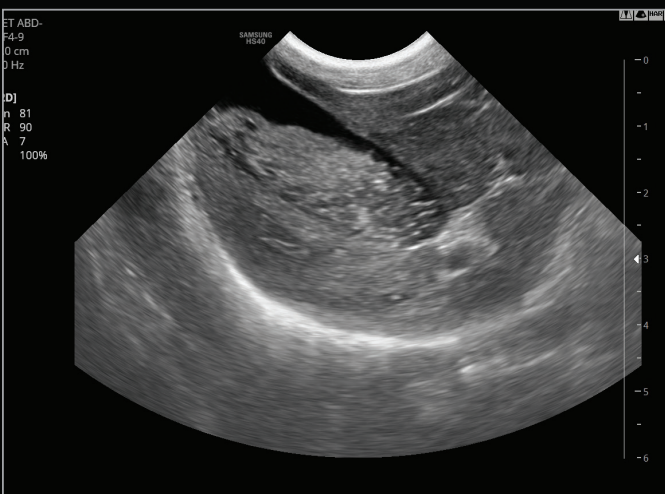
Renal artery with color Doppler



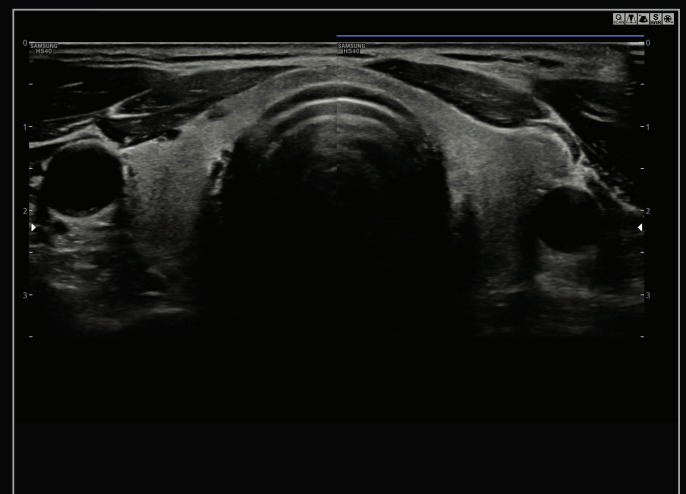
Pancreas



NeedleMate+ ensures precise needle targeting



Gallbladder Sludge



Thyroid using seamless dual view

User-friendly design

HS40's ground-breaking design was inspired by users during development. Every detail, such as the fully articulating monitor arm, the operating panel which can be easily adjusted to different heights, and additional storage space, has been created to make the work environment more comfortable. This collaborative design has been recognized by the prestigious International Forum with a 2017 iF design award.



Articulating monitor arm

With a wide range of motion, the fully articulating monitor arm adapts to your changing needs.



Height-adjustable operating panel

Adjust the operating panel to your preferred height.



Compact Design

Small physical footprint helps maximize use of space.

Low noise

This exceptionally quiet device allows physical exams to be performed, including auscultation, while the ultrasound system is turned on.

Additional storage options

Side storage and rear tray offer convenient storage for often used or transported items.



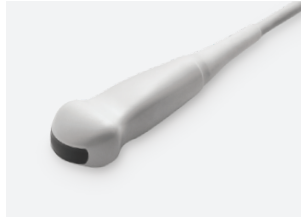
Comprehensive selection of transducers

Curved array transducers



CA2-8AD

- Application: general purpose abdomen
- 68° FOV
- Frequency: 2 - 8MHz



CF4-9

- Application: small animal abdomen, cardiac
- 92° FOV
- Frequency: 4 - 9MHz

Linear array transducer



LA3-16AD

- Application: small parts, 38.4mm FOV
- Frequency: 3 - 16MHz

Phased array transducer



PN2-4

- Application: abdomen, cardiac
- 90° FOV
- Frequency: 2 - 4MHz

Samsung NeuroLogica, the healthcare subsidiary of Samsung Electronics Co., Ltd., develops, manufactures, and markets innovative imaging technologies and is committed to delivering fast, easy and accurate diagnostic solutions to healthcare providers. Samsung NeuroLogica, the global corporate headquarters and manufacturer of Samsung computed tomography, is also the US headquarters for sales, marketing and distribution of all Samsung digital radiography and ultrasound systems. Samsung NeuroLogica's growing portfolio of advanced medical technologies are used worldwide in leading healthcare institutions helping providers enhance patient care, improve patient satisfaction, and increase workflow efficiency. Samsung is committed to being leaders in the field of healthcare imaging.

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.

CT-HS40 V1.0-GI-FT-170411-EN

* 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 representative for further details.