

Comprehensive selection of transducers

Curved array transducers



CA2-8AD

- Application : abdomen, obstetrics, gynecology



CF4-9

- Application : pediatric, vascular

Linear array transducers



LA3-16AD

- Application : small parts, vascular, musculoskeletal

Volume transducers



VN4-8

- Application : abdomen, obstetrics, gynecology

Endocavity transducers



EVN4-9

- Application : obstetrics, gynecology, urology

Phased array transducers



PN2-4

- Application : abdomen, cardiac, TCD

CW transducers



DP2B

- Application : cardiac

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-OB-FT-170228-EN

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Establish everyday efficiency

Ultrasound system HS40



Scan code or visit
samsungmedicalsolution.com
to learn more



SAMSUNG

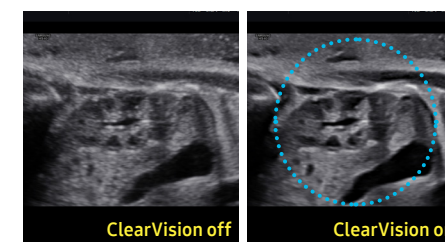


Extraordinary image quality for a clearer view

With the astonishingly clear view provided by Samsung's advanced imaging technologies, you can make clinical decisions with greater confidence.

ClearVision

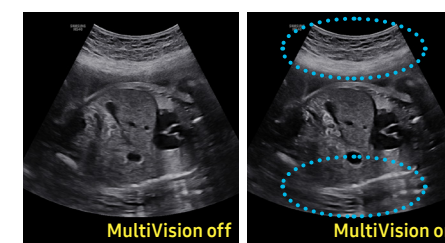
The noise reduction filter improves edge enhancement and creates sharper 2D images for optimal diagnostic performance. The integration of specialized Samsung technology results in a notable improvement in image quality. In addition, ClearVision provides application-specific optimization and advanced temporal resolution in live scan mode.



3rd trimester

MultiVision

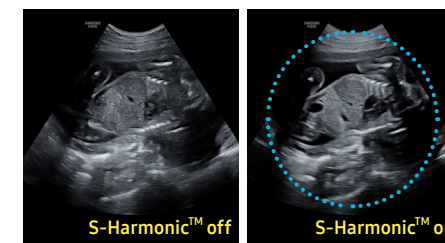
MultiVision controls ultrasound beam electronically by steering, and compounds many scan lines for better image. MultiVision provides remarkable spatial and contrast resolution with even greater artifact suppression than ever before.



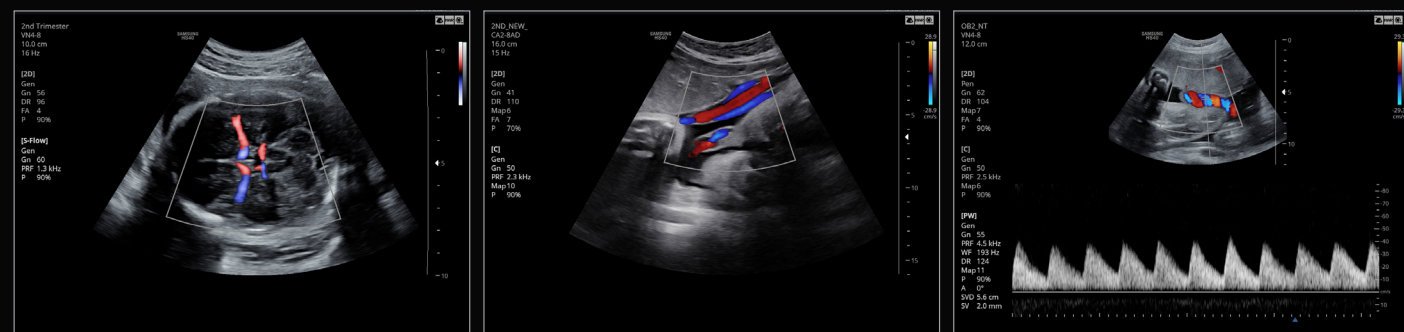
2nd trimester

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.



2nd trimester



Fetal brain using S-Flow™

Umbilical artery using Color

Umbilical cord using PW



Fetal heart using Color

Fetal heart

2nd trimester

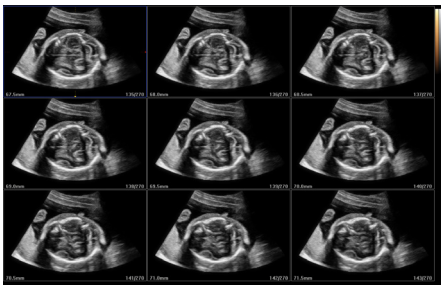
Enhanced tools for optimized care

Samsung's advanced yet budget-friendly tools, previously exclusive to our premium platforms, can enhance obstetric and gynecological exam capabilities for efficient and effective care.



3D XI

Comprised of a suite of outstanding imaging applications (Multi-Slice View™, Oblique View™, and Volume CT™), 3D XI™ offers precise control over 3D/4D volume data manipulation to improve diagnostic accuracy.



Fetal brain using MSV™

5D NT

(Nuchal translucency measurement)

With Samsung's 5D NT™, operator dependency can be reduced for the first trimester fetal nuchal translucency (NT) measurement. 5D NT™ allows the user to obtain the true mid-sagittal plane automatically by rotating and auto-zooming the image. This advanced technology is especially useful when facing difficult cases involving fetal position.

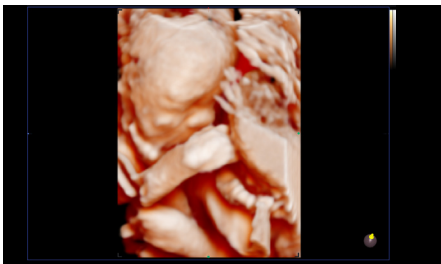
5D Follicle

(Follicle measurement)

5D Follicle identifies and measures multiple ovarian follicles for rapid assessment of follicular size and status during gynecology examinations.

Realistic Vue™

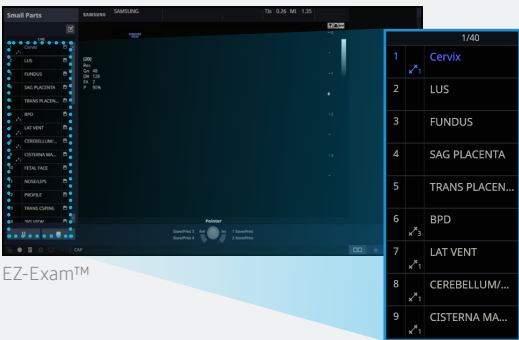
Realistic Vue™ displays high resolution 3D anatomy with exceptional detail and realistic depth perception. User selectable light source direction creates intricately graduated shadows for better defined anatomical structures.



2nd trimester

EZ-Exam™

EZ-Exam+™ enables users to build or to use predefined protocols. It transforms the ultrasound investigation into a streamlined process. EZ-Exam+™ ensures the full investigation is performed, eliminating the risk of forgetting an image or loop capture, as well as measurement and transducer preset changes.



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

Hello Mom

Hello Mom™ supports simple and secure transfer of fetal ultrasound images and clips wirelessly from the HS40 ultrasound system directly to an Android smartphone or iPhone application. These images can then be shared easily with others.

 Download the Hello Mom app on your smartphone.



- ※ Hello Mom is not an application for diagnosis.
- ※ Google Play and the Google Play logo are trademarks of Google Inc.
- ※ The Apple logo is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.



User-friendly design

The ground-breaking design of the HS40 was inspired by user ideas in the product development phase. Every detail, such as the fully articulating monitor arm, easily adjustable control panel, and additional storage space, has been created to make the work environment more comfortable. And it is this focus on the user that has led to the product winning a prestigious 2017 iF Design Award.



1. Articulating monitor arm

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



2. Printer cover

The user-friendly cover tidies and hides away printer cables that may otherwise become tangled.



3. EC probe holder

HS40 features an endocavity transducer holder, side-mounted on the console for convenience when performing gynecological scanning.



4. Rear tray

HS40's rear tray provides extra storage space for the endocavity transducer or other items.



5. Gas Lift

Adjust the system to your preferred height without straining, thanks to the smooth upward and downward motion of the gas lift.



6. Gel warmer

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



7. Side pocket

The system side pocket is ideal for storing a tablet, patient charts, or other items that you need to keep close at hand.



8. Low noise

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

