

# Establish everyday efficiency

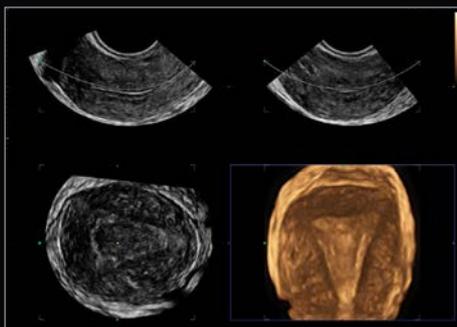
HS40



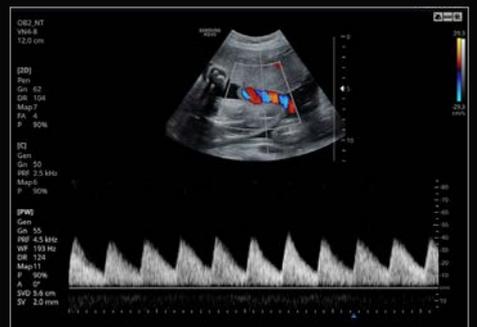
**SAMSUNG**



Fetal brain in S-Flow™



3D MPR of the uterus using curved ROI



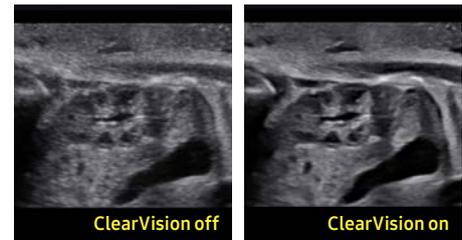
Umbilical cord in PW

# Extraordinary image quality for tiny details

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

## ClearVision™

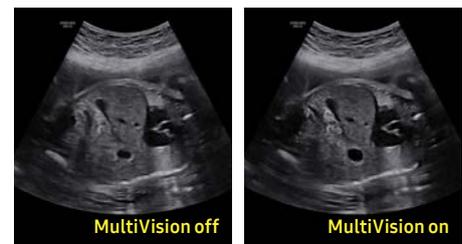
Clear Vision is an advanced image processing technology designed to enhance interface definition and create sharper 2D images for optimal diagnostic performance. ClearVision also provides application-specific optimization and superb contrast resolution.



Fetal kidney

## 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.



Fetal abdomen

## 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.



Fetal abdomen



Ovary with color using dual live

Fetal heart

2nd trimester

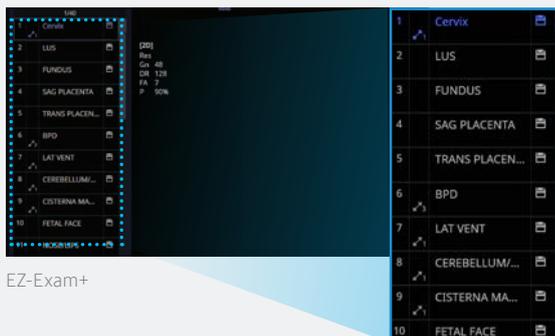
# Enhanced tools for optimized care

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



## 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

## 3D XI

Comprised of a suite of outstanding imaging applications, 3D XI offers precise control over 3D/4D volume data manipulation to improve diagnostic confidence. Software package includes:

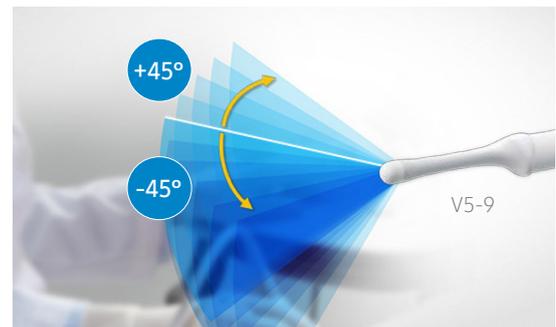
- Multi-Slice View, view multiple parallel slices through the volume data set simultaneously
- Oblique View, visualize anatomy along any plane by drawing a curved or straight line through the area of interest
- Volume CT allows visualization of sequential ultrasound volumes in one display



Fetal brain in MSV

## Free Angle Plane

Let the transducer do the work for you! Free angle plane allows the user to steer the scan plan from the user interface while keeping the transducer stationary. Decrease patient discomfort and increase patient satisfaction. (available on V5-9)



## Hello Mom™

Hello Mom supports simple and secure transfer of 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.
- ※ Mobile export (optional) is required for Hello Mom.
- ※ 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

HS40's ground-breaking design was inspired by users' ideas and suggestions 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. 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. Height-adjustable operating panel

Easily adjust the height of your operating panel.



## 3. Endocavity transducer holder

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



## 4. Gel warmer

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



## 5. Side storage

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



## 6. Rear tray

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



## 7. Low noise

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



## 8. Printer cover

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



# Comprehensive selection of transducers

## Curved array transducers



### CA2-8AD

- Application: abdomen, obstetrics, gynecology



### CF4-9

- Application: pediatric, vascular

## Linear array transducer



### LA3-16AD

- Application: small parts, vascular, musculoskeletal

## Volume transducers



### VN4-8

- Application: abdomen, obstetrics, gynecology



### V5-9

- Application: obstetrics, gynecology, urology

## Endocavity transducer



### EVN4-9

- Application: obstetrics, gynecology, urology

## Phased array transducer



### PN2-4

- Application: abdomen, cardiac, vascular

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-OB-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.

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