

**Relentless Innovation**  
for your diagnostic confidence

**SAMSUNG**



**V6**

Inspiring everyday efficiency



Product Inquiry

# Embracing efficiency in your daily ultrasound scanning

Begin your journey towards efficient healthcare with the Samsung V6 ultrasound system. Our robust solution for general imaging offers both image clarity and advanced automated features. Additionally, Samsung's cutting-edge imaging engine, Crystal Architecture™ ensures a reliable ultrasound experience.

Experience simplicity with our easy-to-use system, specifically designed to alleviate your workload and enhance usability. Furthermore, our powerful system comes with battery capability, providing additional operational convenience. The Samsung V6 ultrasound system is a partner you can depend on to deliver exceptional efficiency to meet your daily ultrasound needs.

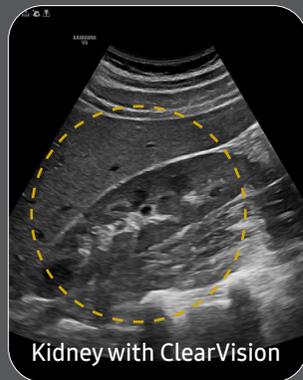
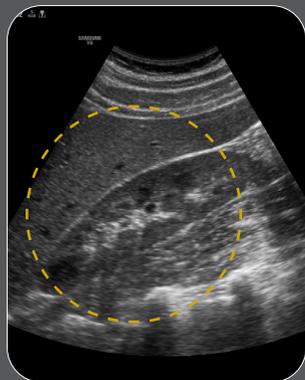
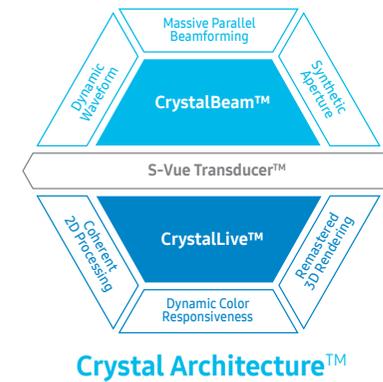


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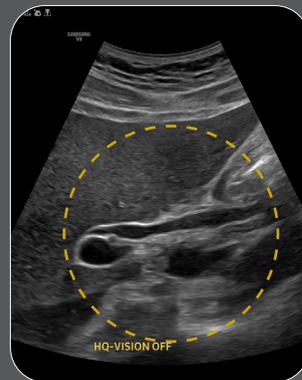
# Elevating confidence with superb imaging performance

The V6 delivers exceptional 2D and color image quality tailored for general imaging, driven by Samsung's core imaging engine, Crystal Architecture™. With its comprehensive imaging capabilities, the V6 is designed to seamlessly support your daily ultrasound scanning needs, enabling clear and accurate image acquisition. Experience confidence and accuracy in ultrasound scanning with the V6.



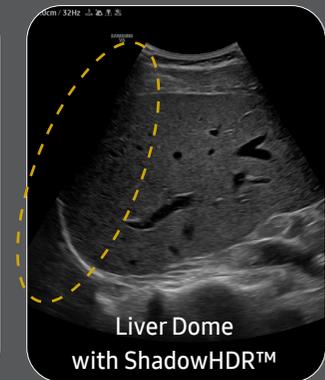
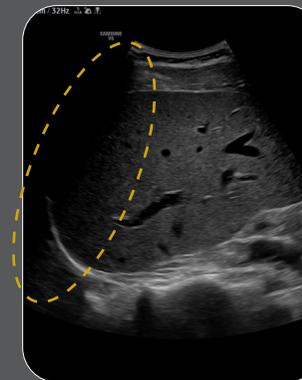
Kidney with ClearVision

Reduce noise to improve 2D image quality



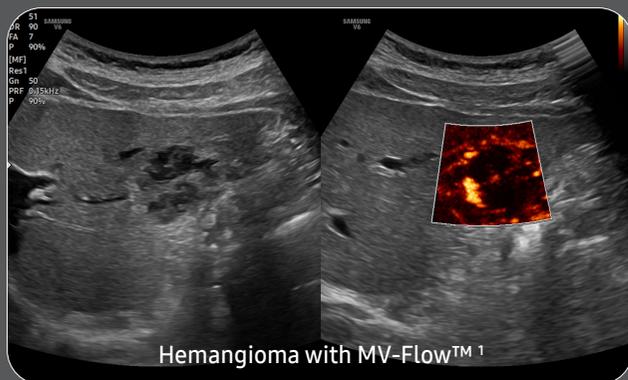
CBD with HQ-Vision™1

Clean up blurry areas in the image



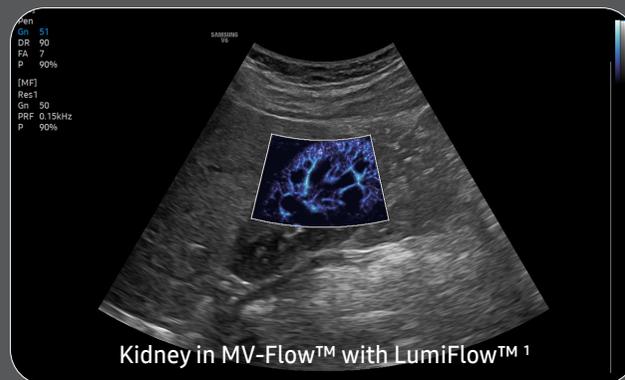
Liver Dome with ShadowHDR™

Enhance hidden structures in shadowed regions



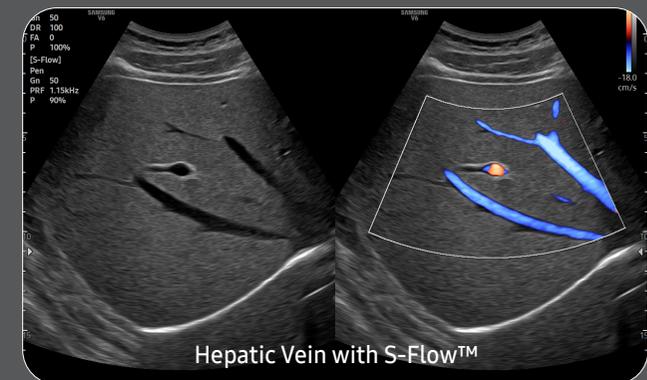
Hemangioma with MV-Flow™ 1

Visualize slow flow in microvascular vessels



Kidney in MV-Flow™ with LumiFlow™ 1

Show blood flow in vessels in a 3D-like display



Hepatic Vein with S-Flow™

Examine peripheral vessels with directional power Doppler

1. Optional feature, additional purchase required.

# Reach new diagnostic confidence with comprehensive tools

Enhance your daily ultrasound diagnosis with the V6, a versatile solution created to efficiently support your clinical demands in general imaging. Benefit from our latest automation tools, which enable you to work with greater ease and achieve reliable results. Our aim is to assist you in prioritizing patient care, and the V6 stands as an excellent choice.

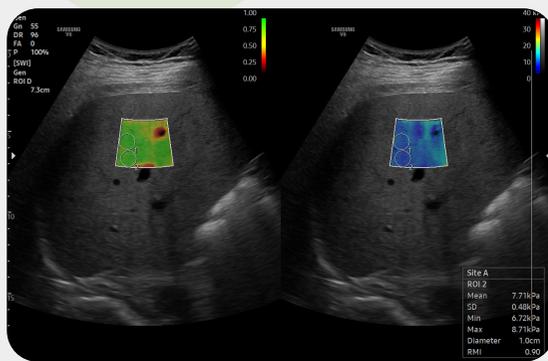


## Display and quantify tissue stiffness in a non-invasive method

**S-Shearwave Imaging™<sup>1</sup>** allows the non-invasive assessment of stiff tissues in various applications. The color-coded elastogram, quantitative measurements, display options, and user-selectable ROI functions are useful for accurate diagnosis.



White paper



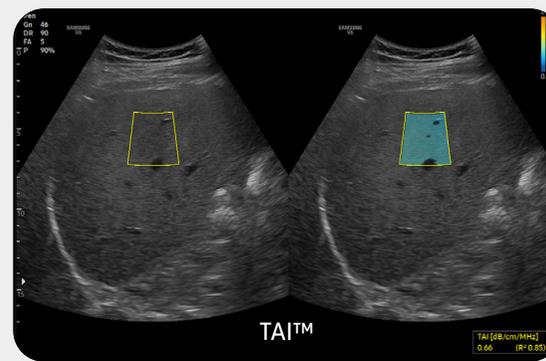
## Quantitative measurement of liver fat with ultrasound signal

**TAI™<sup>1</sup> (Tissue Attenuation Imaging)** provides quantitative tissue attenuation measurement to assess steatotic liver changes.



White paper

**TSI™<sup>1</sup> (Tissue Scatter distribution Imaging)** provides quantitative tissue scatter distribution measurement to assess steatotic liver changes.



## Hepato-renal index with automated ROI recommendation



HRI (Hepato Renal Index) is an index to quantify steatosis of a liver by comparing echogenicity between liver parenchyma and renal cortex. **EzHRI™<sup>1</sup>** places 2 ROIs on the liver parenchyma and renal cortex and provides HRI ratio.



White paper



## Analyze selected thyroid lesions and report thyroid assessment



**S-Detect™**<sup>1,3</sup> for Thyroid analyzes selected lesions in the thyroid ultrasound study and shows the analysis data, provides standardized reporting based on the ATA, BTA, EU-TIRADS, K-TIRADS, and ACR-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  
ACR-TIRADS: American College of Radiology Thyroid Imaging Reporting and Data System

## Easy calculation of the strain ratio between two ROIs

**E-Strain™**<sup>1,2</sup> 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.

## Quantify wall motion of the left ventricle

**Strain+**<sup>1</sup> is a quantitative tool for measuring global and segmental wall motion of the left ventricle (LV). Three standard LV views and a Bull's Eye are displayed in a quad screen for easy assessment of the LV function.



White paper

## Analyze selected breast lesions and report breast assessment



**S-Detect™**<sup>1,3</sup> for Breast analyzes selected lesions in the breast ultrasound study and shows the analysis data, applies BI-RADS ATLAS\* to provide standardized reporting; and helps diagnosis with the streamlined workflow.



White paper

## Detect and track nerves automatically with AI technology



**NerveTrack™**<sup>1</sup>, a feature based on Deep Learning technology, detects and provides information of the location of the nerve area in real-time during ultrasound scanning.



White paper

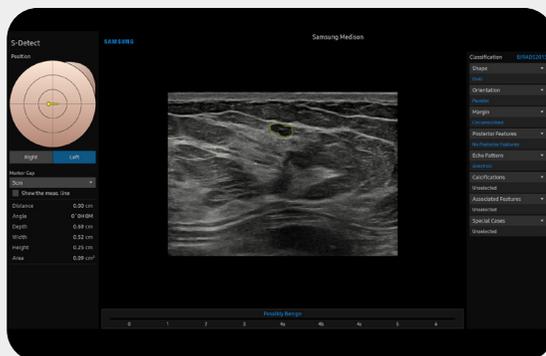
## An automated reporting tool for heart diagnosis



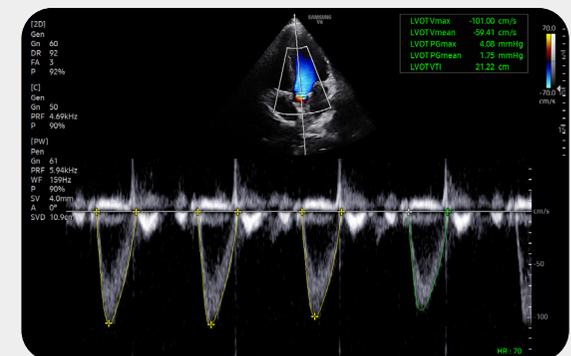
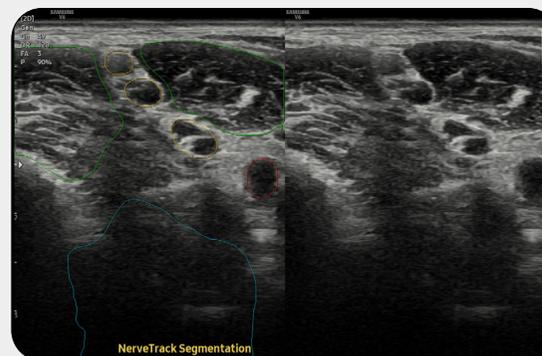
**HeartAssist™**<sup>1</sup>, a feature based on Deep Learning technology, provides automatic classification of ultrasound image into measurement views required for heart diagnosis and provides measurement results.



White paper



\* Breast Imaging-Reporting and Data System, Atlas  
It is a registered trademark of ACR and all rights reserved by ACR.

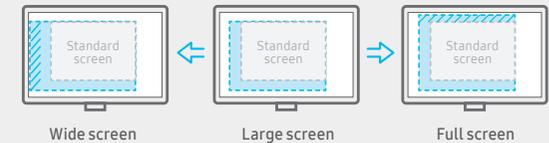


### Other features

AutoIMT<sup>1</sup>, AutoEF<sup>1</sup>, StressEcho<sup>1</sup>, ArterialAnalysis™<sup>1</sup>, ElastoScan+™<sup>1</sup>, NeedleMate+™<sup>1</sup>, Panoramic+<sup>1</sup>, CEUS+<sup>1</sup>

# Optimize workflow with precious time-saving tools

V6 is specifically designed to optimize the work efficiency of healthcare professionals. Notably through its remote accessibility, streamlined workflows, wider screen view for enhanced user experience, and its compact yet powerful design with battery capability, making it adaptable for diverse medical environments.

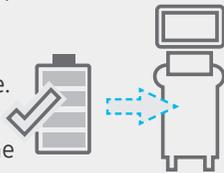


## See images in expanded view

The ultrasound examination can be performed while viewing the images and cines that are expanded at various ratios according to the user preference.

## Continue working even when AC power is temporarily unavailable

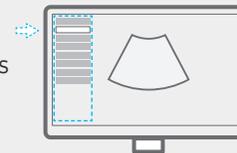
**BatteryAssist™**<sup>1</sup> provides battery power to the system, enabling users to perform scans when AC power is temporarily unavailable. It also allows the system to be moved without having to turn the power off and then back on.



\* The live scan time without AC power is about 3 times longer than the live scan time of the previous model, HS60.

## Build predefined protocols to ensure every step is followed every time

**EzExam+™**<sup>1</sup> enables you to build or use a predefined protocol, and assign protocols for examinations that are regularly performed in the hospital in order to reduce the number of steps that you have to go through.



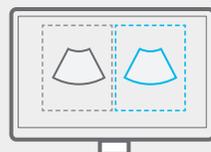
## Customize frequently used functions on the touchscreen

**TouchEdit**, a customizable touchscreen, allows the user to move frequently used functions to the first page.



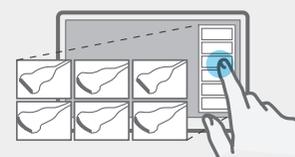
## Compare previous and current exam in a side-by-side display

**EzCompare™** automatically matches the image settings, annotations, and bodymarkers from the prior study.



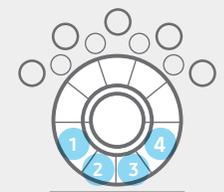
## Select transducer and preset combinations in one click

**QuickPreset** allows the user to select the most common transducer and preset combinations in one click.



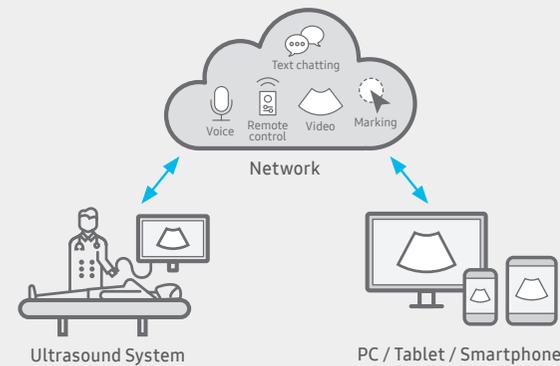
## Assign functions to the buttons near the trackball

The buttons around the trackball can be customized for easy selection of commonly used functions.



### Save image data directly to USB memory

User can directly export image/cine with a USB device.



### Real-time image sharing solution

SonoSync™ 1,5 is available in PC and smartphone, etc. as a real-time image share solution that allows communication for care guide and training between doctors and sonographers. In addition, voice chatting, text chatting and real-time marking functions are provided for better communication; and the MultiVue function is included that allows monitoring multiple ultrasound images on a single screen.



Learn more

### Samsung healthcare cybersecurity

To address the 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.



Learn more



Intrusion prevention



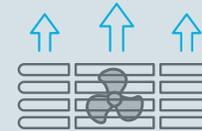
Access control



Data protection

### Effective cooling system

An effective airflow system cools down the ultrasound system by constantly letting heat out and reducing fan noise.



### Recycled materials

Eco-friendly resin cover is applied to the air vent exterior cover, outlining Samsung's efforts towards a greener tomorrow.



Recycled materials



### Eco Packaging

Reusable packaging composed of eco-friendly recycled paper. It is Samsung's commitment to achieving carbon-neutral of the earth and environment.



Learn more



Recycled materials



Eco Packaging

# Comprehensive selection of transducers

## Curved array transducers



Abdomen, Obstetrics, Gynecology, Pediatric, Musculoskeletal, Vascular, Urology



Abdomen, Obstetrics, Gynecology, Pediatric, Musculoskeletal, Vascular, Urology, Thoracic



Abdomen, Obstetrics, Gynecology, Pediatric, Musculoskeletal, Vascular, Urology, Thoracic



Abdomen, Pediatric, Vascular

## Linear array transducers



Abdomen, Pediatric, Musculoskeletal, Vascular, Small parts



Abdomen, Pediatric, Musculoskeletal, Vascular, Small parts



Musculoskeletal, Pediatric, Vascular, Small parts



Musculoskeletal, Intraoperative

## Phased array transducers



Cardiac, Vascular, Abdomen, Pediatric, TCD, Thoracic



Cardiac, Pediatric, Abdomen, Vascular, TCD



Cardiac, Pediatric, Abdomen, Vascular, TCD

## Endocavity transducers



Obstetrics, Gynecology, Urology



Obstetrics, Gynecology, Urology



Obstetrics, Gynecology, Urology

## Volume transducers



Abdomen, Obstetrics, Gynecology, Urology



Obstetrics, Gynecology, Urology

## CW transducers



Cardiac, Vascular, TCD



Cardiac, Vascular, TCD

## TEE transducer



Cardiac

### \* Ergonomic transducers

The new endocavity transducer supports natural grip by moving the max-width point to a more forward position and also increasing the length of the grip to allow balanced weight distribution.



Cleaning and disinfection guide

\* This product, features, options, and transducers may not be commercially available in some countries.  
 \* Sales and Shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative 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.

1. Optional feature, additional purchase required.  
 2. Strain value for ElastoScan+™ is not applicable in the United States and Canada.  
 3. Recommendations about whether results are benign or malignant in S-Detect™ are not applicable in the United States.  
 4. SonoSync™ is an image sharing solution.

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