

**Relentless Innovation**  
r your diagnostic confidence

**SAMSUNG**



**V7**

**Take what you want**

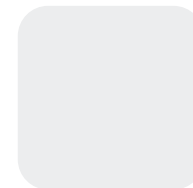


Product Inquiry

The V7 offers a fascinating performance and gives you the possibility to do what you want with comprehensive tools that feature the latest innovations. For instance, EzHRI™, TAI™, and TSI™ are advanced abdominal dedicated diagnostic features, that help healthcare professionals make accurate clinical decisions by quantifying fatty liver in real time. Rich in features, V7's versatile system is capable of a wide range of clinical applications that allow you to explore to the fullest.

## Diagnose diverse and challenging clinical cases

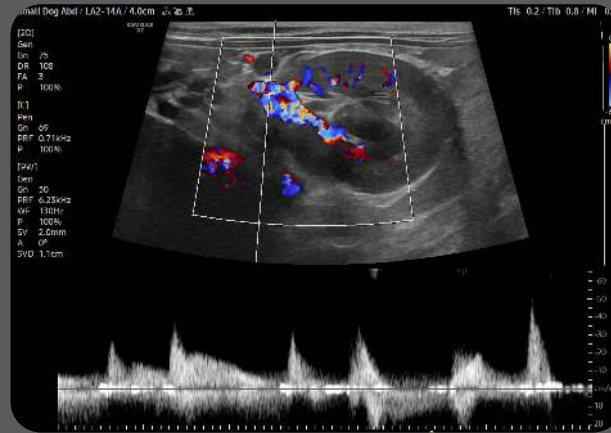
The V7 comes with a variety of tools for diverse and challenging cases. Healthcare professionals can execute targeted examinations with ease, using the necessary advanced features prepared in the right place. Furthermore, various sophisticated 2D and color imaging features are supported for extraordinary image quality.



# Striking images for confidence



Gallbladder



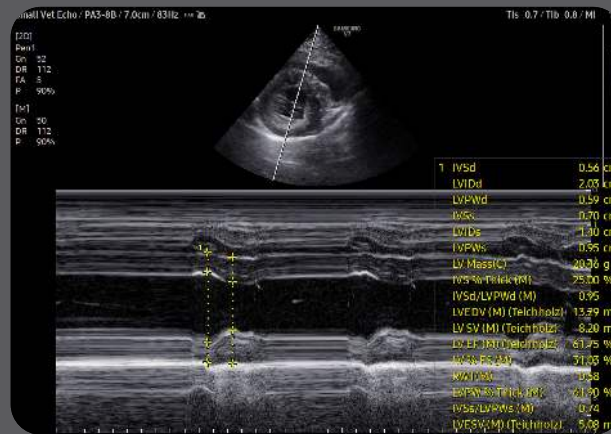
Kidney with color mode



Heart



Liver



Heart with M mode



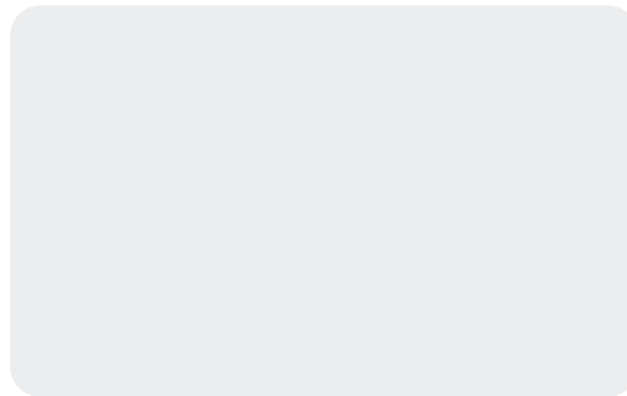
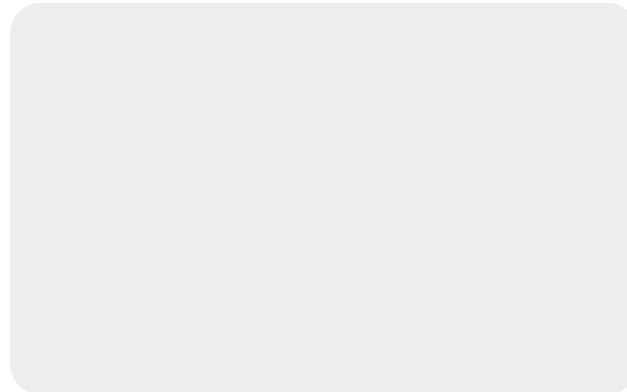
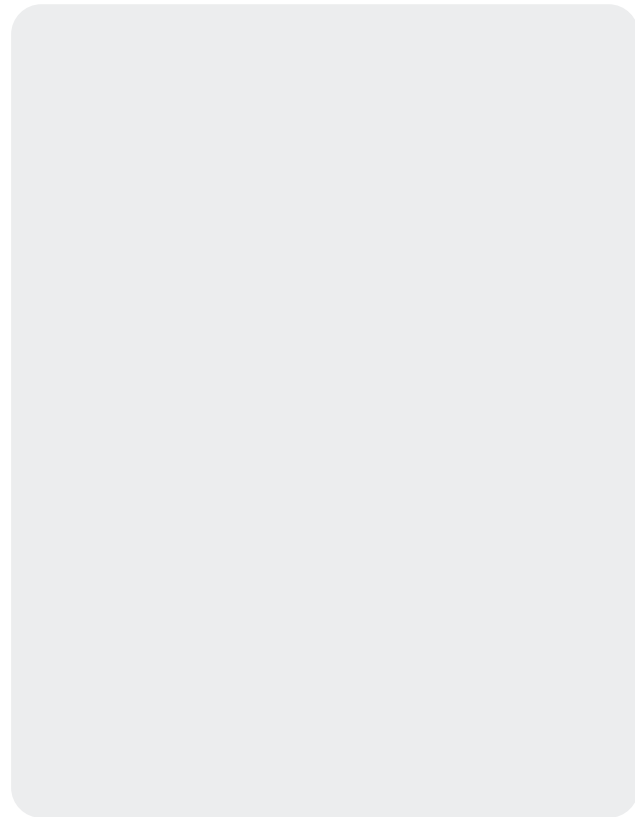
Kidney

# Enriched diagnostic features with accuracy and precision

The V7 system comes with advanced features that assist in precise diagnosis and increasing throughput. The V7's variety of features and user-friendly interface aid in significantly improving the healthcare professionals' daily ultrasound examination experience.

## Perform multi-modality fusion biopsies with high precision

S-Fusion™<sup>1</sup> enables simultaneous localization of a lesion using real-time ultrasound with other volumetric imaging modalities, enabling accurate targeting during interventional and other advanced clinical procedures.



### Contrast Enhanced Ultrasound

**CEUS+**<sup>1</sup> is a contrast agent imaging technology. The micro-bubble contrast agent injected into the body through the vein or alike is subjected to perform nonlinear resonance due

### Measure IMT in one click

**AutoIMT+**<sup>1</sup> is a screening tool to analyze a potential risk of cardiovascular disease. It allows easy intima-media thickness measurement of both the anterior and posterior wall of the common carotid by the click of a button.

### Display needle tip clearly

**NeedleMate+™**<sup>1</sup> delineates needle location when performing interventions such as nerve blocks. Improved accuracy and efficiency in procedure are possible with beam steering added to NeedleMate+™.

**Other features** ElastoScan+™<sup>1</sup>, ArterialAnalysis™<sup>1</sup>

# Extraordinary image quality delivers diagnostic confidence

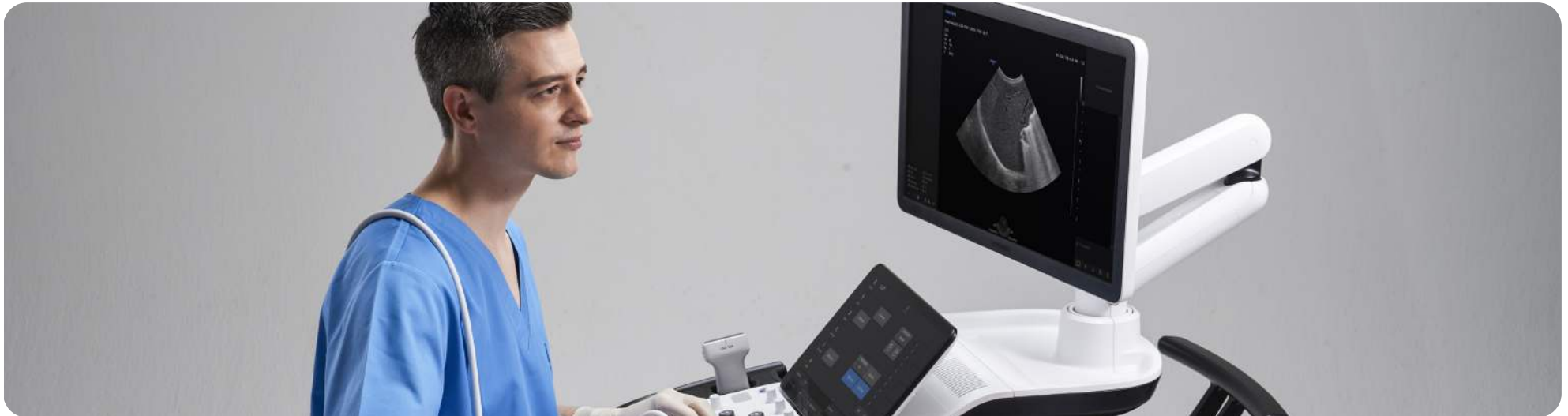
Gain insight into complex issues with exceptional image quality and resolution by Samsung's core imaging engine, Crystal Architecture™. The proprietary technology combines enhanced 2D image processing and detailed color signal processing to optimize and refine the image. The cutting-edge V7 will provide outstanding image clarity for a confident diagnosis.

## Clean up blurry areas in the image

**HQ-Vision™**<sup>1</sup> provides clearer images by mitigating the characteristics of ultrasound images that are slightly blurred than the actual vision.

## Reduce noise to improve 2D image quality

**ClearVision** enhances the edge contrast and creates sharp 2D images for optimal diagnostic performance.



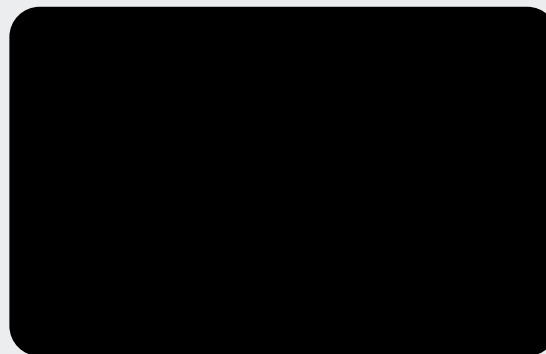
### Visualize slow flow in microvascular structures

**MV-Flow™**<sup>1</sup> visualizes microcirculatory and slow blood flow to display the intensity of blood flow in color.



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

**LumiFlow™**<sup>1</sup> is a function that visualizes blood flow in 3 dimensional-like to help understand the structure of blood flow and small vessels intuitively.

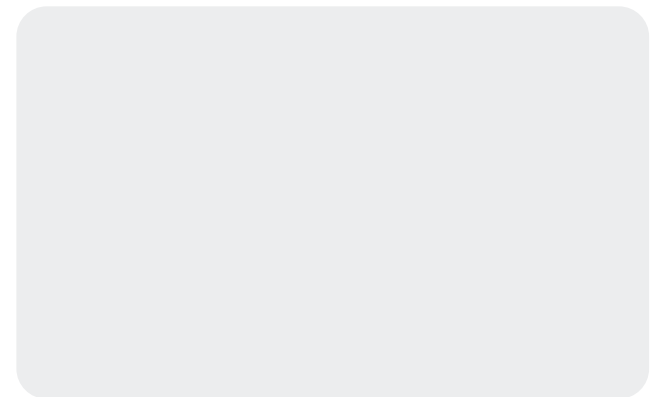
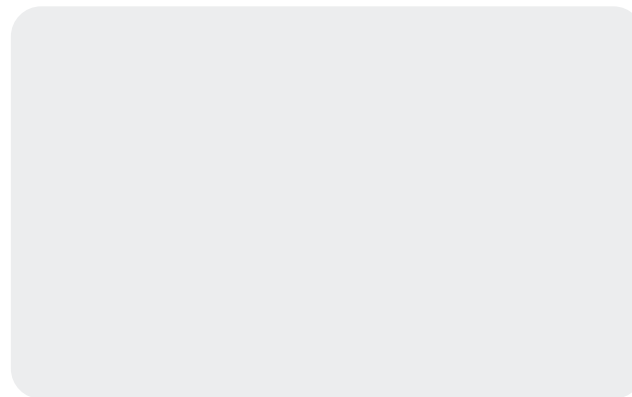
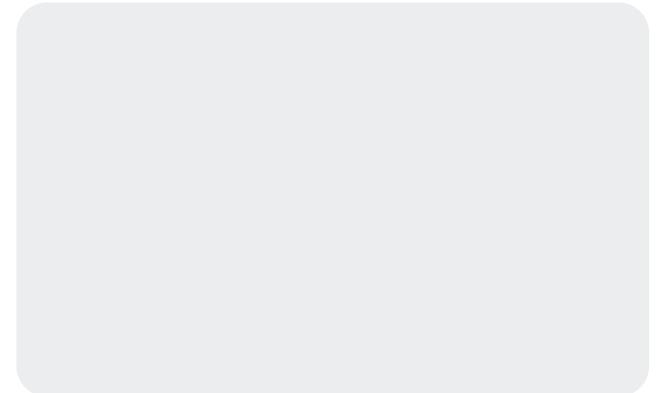
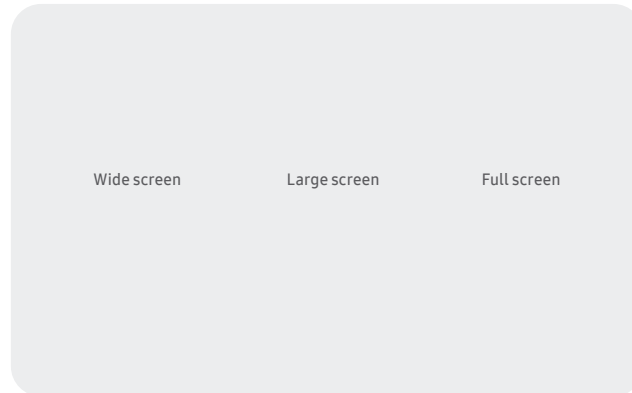
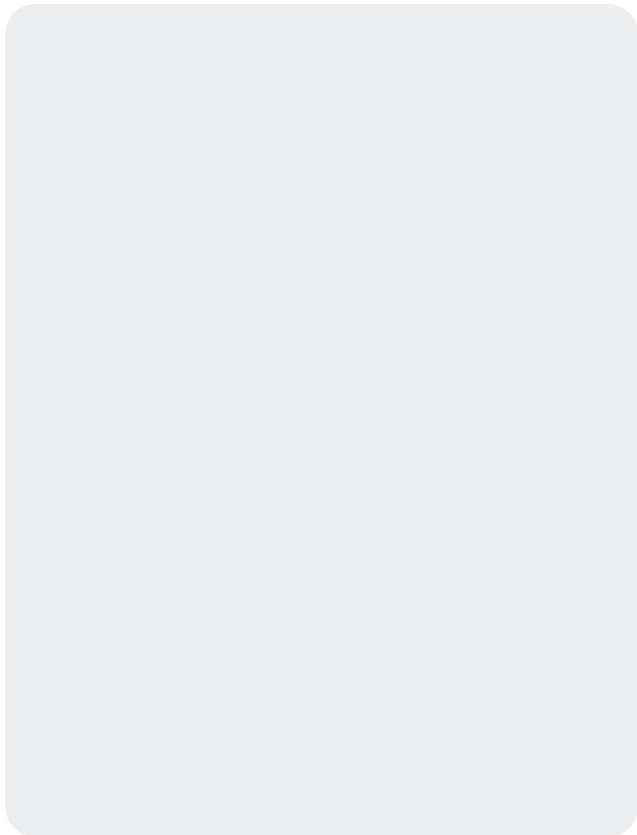
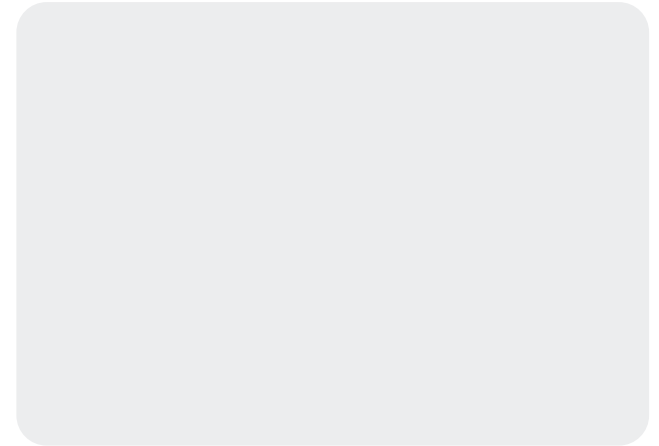


### Examine peripheral vessels with directional power Doppler

**S-Flow™**, a directional power Doppler imaging technology, can help to detect even the peripheral blood vessels. It enables accurate diagnosis when the blood flow examination is especially difficult.

# Efficient workflow re-designed for simplicity

Made to maximize efficiency, allow V7 to streamline your workflow and reduce various tasks to just a few steps or keystrokes. The user experience is enhanced through how V7 displays scan data more easily and accurately. To ensure utility, the ergonomic design makes optimal use of the user's working environment. V7 is committed to enhancing healthcare professionals' workflow by providing intuitive optimization.





### Save image data directly to USB memory

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



### Continue working even when AC power is temporarily unavailable

**BatteryAssist™** 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 to another location without having to turn the power off and then back on.

# Comprehensive selection of transducers

## Curved array transducers

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### CA1-7SD \*

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



### CA3-10A

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



### CA4-10M \*

Abdomen, Cardiac,  
Pediatric, Vascular, Vet  
Cardiac, Vet Abdomen



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### LA2-14A

Small Parts, Vascular,  
Abdomen, Pediatric,

## 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 data and ultimately degrade the quality of care.



### 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

\* 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.

\* Some of the ultrasound images in this catalog are acquired with the human body.

\* S-Vue Transducer™ is the name of Samsung's advanced transducer technology.

\* This product is a medical device, please read the user manual carefully before use.

1. Optional feature which may require additional purchase.

2. SonoSync™ is an image sharing solution.

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