## **SAMSUNG**





- Striking Images for Extra Confidence
- Elevate Diagnostic Precision
- Enhances Daily Efficiency



Advanced Crystal Architecture™ delivers exceptional clarity and spatial resolution, enabling precise needle guidance and increased confidence in interventional radiology.

The **V5** ultrasound system offers advanced imaging capabilities and Al-driven diagnostic tools ideal for interventional radiology. Its compact, user-friendly design enables streamlined workflows and helps clinicians make confident decisions for everyday IR procedures. With it's mid-range, reliable performance at an affordable price, the V5 strikes the right balance for daily use.





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## **Advanced Imaging Technologies**

**ShadowHDR™** is designed to suppress shadows and enhance the clarity of displayed grayscale images.

**HQ-Vision™** compensates for the natural signal distortion as sound propagates through tissue to display maximum pixel sharpness.

**ClearVision™** an advanced image processing technology designed to enhance contrast resolution and sharpen tissue interfaces for more confident image assessment

**S-Flow™** is a highly sensitive directional power Doppler ideal for documentation of slow moving blood flow.

**MV-Flow™** is an advanced Doppler technology providing detailed documentation of microvascular perfusion into tissues and organs.

**LumiFlow™** displays a three-dimensional "like" appearance to 2D color Doppler enhancing spatial comprehension of blood vessels.

## **Smart Tools for IR Efficiency**

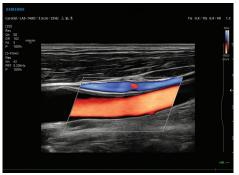
**NerveTrack™** provides nerve area location information during real-time ultrasound scanning.

**EzExam+™** transforms the ultrasound examination into a well-organized streamlined process. EzExam+ enables the user to create an efficient diagnostic environment storing optimized and preferred protocols within the EzExam+ function control.

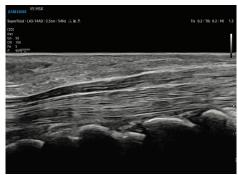
**NeedleMate+™** dramatically enhances needle visualization when performing commonly used intervention procedures.

**Panoramic+™** imaging displays as an extended field-of-view & also supports angular scanning from linear transducer data acquisition.

BatteryAssist™ enables scanning in procedure rooms or at the bedside without AC power—ideal for mobile IR suites.



Vascular Carotid



Median Nerve



Abdomen Dual S-Flow and MV-Flow



Liver Subcostal View

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