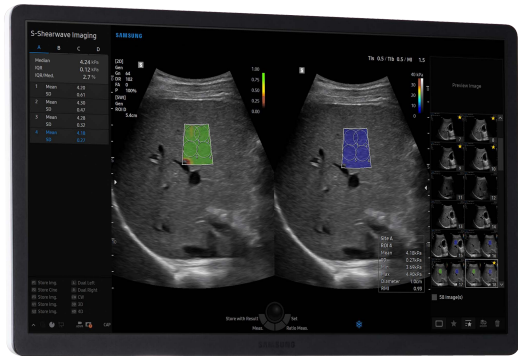# V7 | Performance Versatility

Combining Performance & Versatility

The V7 provides reliable performance while offering comprehensive tools with the latest sonographic innovations. Rich in technologies, the V7 provides a full suite of options to meet your imaging needs.
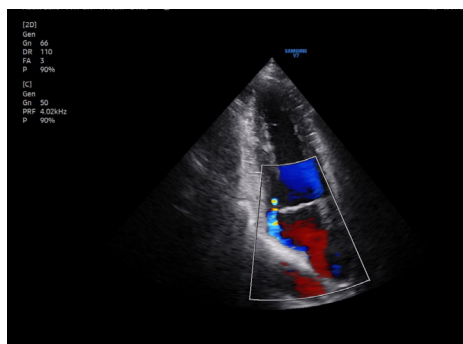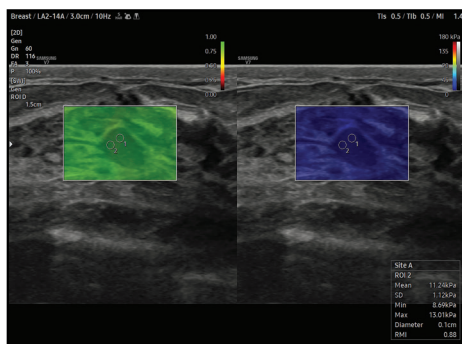
Exquisite Image Quality

- **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™ -** 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-dimenstional "like" appearance to 2D color Doppler enhancing spatial comprehension of blood vessels.

Smart Tools for General Imaging

- **S-Shearwave Imaging™ -** allows for the non-invasive assessment of the stiffness for tissue/lesions in various applications such as breast, liver, MSK and prostate. Color-coded elastogram, quantitative measurements, dual or single display option, and user-selectable ROI functions are especially useful for more confident assessment of breast and liver diseases.
- **NeedleMate+™ -** dramatically enhances needle visualization when performing commonly used intervention procedures.
- **HeartAssist™** *Adult-* is a semi-automatic measurement feature designed to recognize and quantify cardiac anatomy facilitating consistency of measurements and efficient workflow.
- **Strain+™ -** is a quantitative tool for global and segmental wall motion of the left ventricle (LV). In Strain+, three standard LV views and a Bull's Eye are displayed in a quad screen for easy and quick assessment of the LV-function.
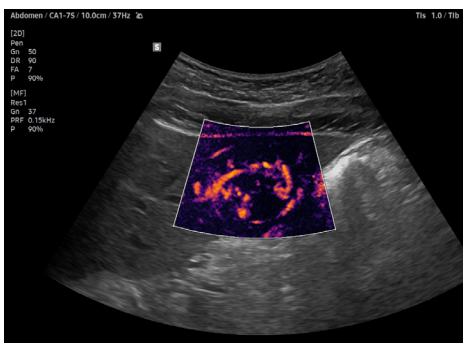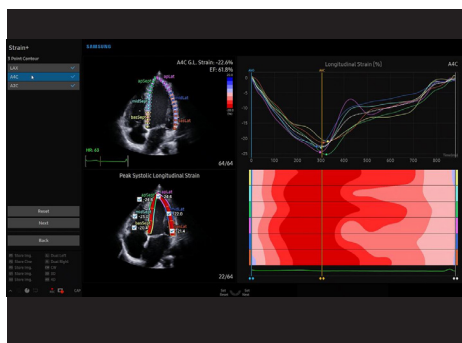

2 Chamber Heart

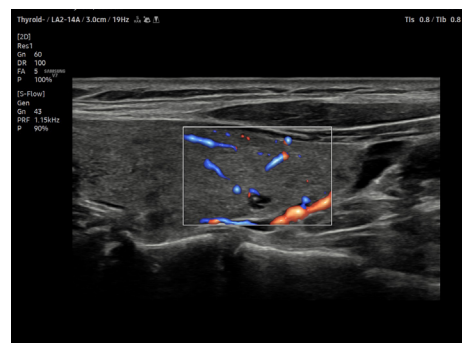Breast using S-Shearwave Imaging

Liver using ClearVision

Abdomen using MV-Flow

Heart using Strain+

Thyroid using LumiFlow

SAMSUNG