

# SAMSUNG

## V8 | Performance Versatility Intelligence

### Redefined Imaging Technologies

The V8 ultrasound system powered by Samsung's Crystal Architecture™ combines exquisite image quality with a streamlined user interface enabled by Intelligent Assist tools. The reengineered workflow fulfills the needs of today's busy clinical environment. Samsung is continuously seeking new ways to elevate imaging professionals diagnostic confidence with greater image clarity, enhanced accuracy, and improved work efficiency.



Reengineered  
workflow for easy and  
productive process

Exquisite imaging  
quality for reliability  
and confidence

Intelligent Assist  
tools for efficient  
examination

**Relentless Innovation**  
for your diagnostic confidence

## Exquisite Image Quality

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

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

**MultiVision™** - sends and receives multiple ultrasound beams at different angles to create an image with enhanced contrast resolution.

**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.

**HDVI™** - provides detailed edge definition and exceptional clarity of three-dimensional anatomy.

**RealisticVue™** - displays high resolution 3D anatomy with exceptional detail and realistic depth perception.

**CrystalVue™** - advanced volume rendering technology that enhances visualization of both internal and external structures in a single rendered image.

**CrystalVue Flow™** - provides vascular structures with increased depth perception and demonstrates vessels in different imaging planes.

## Intelligent Assist Tools

**BiometryAssist™** - enables users to measure the growth of the fetus more quickly and with greater accuracy while maintaining exam consistency.

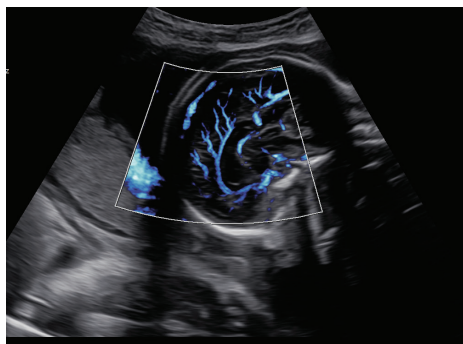
**LaborAssist™** - provides information of the progress of delivery by the automatic measurement of AoP (Angle of Progress) and the direction of the fetal head.

**E-Cervix™** - Elastography technology designed to document cervical stiffness providing additional information for possible assessment of preterm labor.

**2D Follicle™** - identifies and measures the size of follicles based on a 2D image and provides information about the status during gynecology examinations.

**5D Follicle™** - is a 3D volume measurement tool that identifies and measures multiple ovarian follicles for rapid assessment.

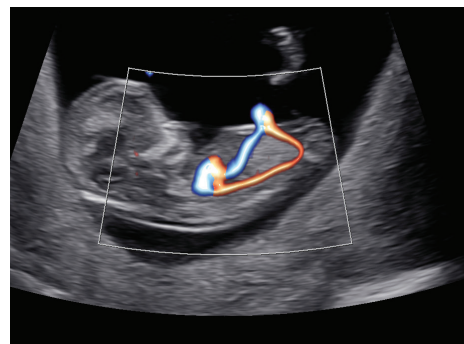
**MPI+™** - semi-automatic measurement of LV MPI and RV MPI, providing high reproducibility



Fetal brain with MV-Flow™



Fetal face with RealisticVue™



1st trimester (S-Flow™ with LumiFlow™)



Fetal spine with CrystalVue™



Fetal Brain with MultiVision™



Fetal heart with ClearVision™