

## **Voluson E8 BT13.5 Ricondizionato**

Apparecchio in perfette condizioni ricondizionato GE 2021  
con all'attivo 80 giornate lavorative "CERTIFICATE"

### **Full Optional :**

- Advanced
- 4D TUI
- HDLive
- Advanced VCI
- Bflow
- SonoBiometry
- SonoIT
- IOTA LR2
- Dicom



Sonda Volumetrica Convex RAB6-D  
Sonda Volumetrica Vaginale RIC5-9D  
Stampante Termica Sony

Disponibili a richiesta altre sonde o opzioni

**Garanzia Full Risk Mesi 12**

**€ 28.000 + Iva**

**Per info : Mirco Brozzi - 3936251993**  
**info@evomedica.it**

GE Healthcare

# Voluson E8

*Extraordinary vision*



healthymagination



imagination at work

# Voluson next generation volume ultrasound technologies will amaze you!

## Volume ultrasound enhancements

**Voluson second generation dynamic rendering engine** – The enhanced dynamic rendering engine and innovative probes help provide you extraordinary image quality and efficient operation.

**HDlive\*** – This Voluson second-generation rendering tool helps provide exceptional anatomical realism and helps increase depth perception to help enhance clinical confidence. This imaging capability can help you achieve a deep understanding of relational anatomy and enrich patient communication.

**Volume SRI (Speckle Reduction Imaging) (V-SRI)** – This enhancement helps provide a high level of speckle reduction utilizing volume/voxels versus traditional single slice imaging. It helps improve 3D/4D quality in multi-planar studies and also provides an enhanced smoothing effect on rendered images which helps improve diagnostic confidence.

**Advanced Volume Contrast Imaging (VCI) with OmniView** – Help improve contrast resolution and visualization of the rendered anatomy with clarity in any image plane, even when viewing irregularly shaped structures.

**Advanced 4D including Tomographic Ultrasound Imaging (TUI)** provides a simultaneous view of multiple parallel slices of a volume data set.



## Image quality enhancement technologies

**Speckle Reduction Imaging (SRI)** – This tool helps heighten visibility of organs and lesions with high-definition contrast resolution that suppresses speckle artifact while maintaining true tissue architecture.

**CrossXBeam<sup>CR1\*</sup>** – This technology helps enhance tissue and border differentiation with an innovative, real-time spatial compounding acquisition and processing technique.

## Advanced fetal cardiac assessment technology

Voluson E8 has helped transform the structural and functional analysis of the fetal heart with a suite of advanced fetal echo imaging technologies that include:

**Advanced STIC (Spatio-Temporal Image Correlation)** including STIC M-Mode and SonoVCAD<sup>heart</sup> for a high quality fetal echo examination.

**Advanced STIC plus B-Flow** offers an angiographic-like display for visualization of the fetal cardiovascular system.

**Anatomical M-mode** facilitates arrhythmia assessment and cardiac measurements.

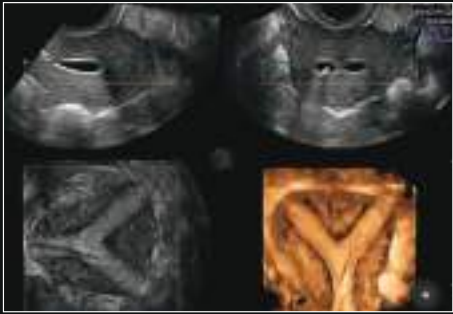
## Innovative women's health tools

**3D HyCoSy (Hysterosalpingo Contrast Sonography)** – An exciting tool that helps expand your in-office capabilities and facilitates gynecological exams with a non-ionizing procedure for tubal patency assessment that provides a 3D display of fallopian tubes.

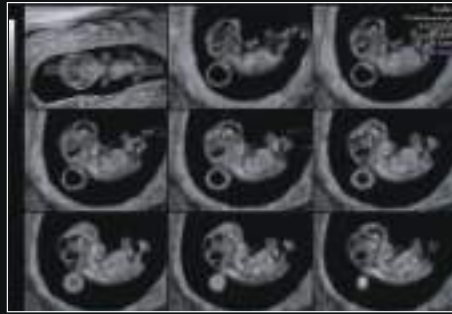
**Elastography with Elastography Analysis** – A highly sensitive tool for women's healthcare to assist in early evaluation and classification of simple and complex masses. The tool offers ratio measurement capability allowing comparison of stiffness (strain) of two regions of interest. Elastography Analysis plots the velocity information of discrete points for graphical analysis of the lesion. It is available both on the linear and endocavity probes.



Simply extraordinary diagnostic confidence.



Multiplanar and rendered volume of bicornuate uterus during sonohysterogram.



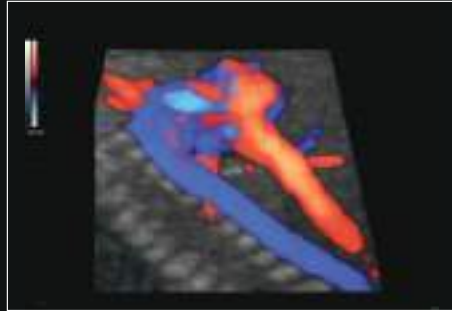
Early brain structures in 9 week fetus with TUI and V-SRI.



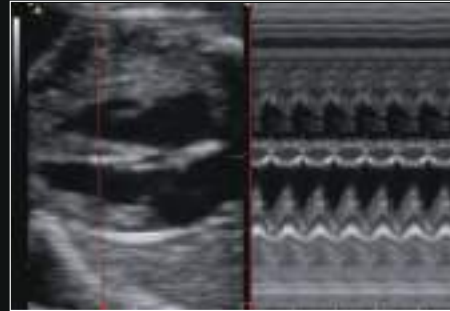
Twelve week fetal abdomen with high resolution RIC6-12 probe.



Second trimester fetal diaphragm and heart with SRI.



STIC with HD-Flow of 20 week fetal heart and great vessels.



Anatomical M-Mode of fetal heart STIC volume.



Multiple planes of fetal facial structures with Advanced VCI with OmniView.



STIC with B-Flow in 23 week fetal heart rendered with HDLive.



3D multiplanar view of 30 week fetal brain with VCI.

## Advanced probe technology

Extraordinary vision starts with advanced probe technology. The Voluson Expert Series supports a wide range of 2D and 3D probes, enabling quality images – especially in first trimester and complex gynecological exams.

**RM6C and RM14L next generation volume matrix probes** for high-resolution convex and linear volume imaging.

**RAB6-D ultra-light volume probe** – User fatigue may be reduced with this next generation GE volume probe that is 40% lighter than the previous version. Its ergonomic design provides outstanding image quality in 2D and 3D/4D, features a pinless connector and sits comfortably in the clinician's hand.

**C4-8-D high frequency abdominal probe** helps provide exceptional high resolution obstetrical images during each trimester.

**C1-5-D abdominal probe** helps deliver a high level of performance and deep penetration – even on large patients.

**ML6-15-D linear probe** features matrix technology for breast imaging, providing excellent spatial resolution and image uniformity in a 50 mm footprint.

**9L-D wide-band linear abdominal probe** helps provide high-quality images in the first trimester.

**S4-10-D neonatal probe** is dedicated to neonatology applications.

**RIC6-12-D high resolution 4D endovaginal probe** helps detect fine details early in the first trimester and in gynecology exams.



# Helping improve patient care with automation

We understand your need for exam consistency and for data that can be consistently reproduced, regardless of which staff member is performing the ultrasound exam.

So, we continue to develop automated tools that help provide assistance in complicated exams and produce results you can count on.

**SonoBiometry<sup>1</sup>** – Performs a semi-automatic measurement of the head (both head circumference and bi-parietal diameter), abdomen and femur. This tool can help enhance clinical workflow through helping reduce keystrokes to perform biometry measurements.

**SonoNT (Sonography-based Nuchal Translucency) and SonoIT<sup>1</sup> (Sonography-based Intracranial Translucency)** – Voluson technologies that help provide semi-automatic, standardized measurements of the nuchal and intracranial translucency as early as 11 weeks. Both tools can integrate easily into your workflow. SonoNT helps avoid the inter- and intra-observer variability that comes with manual measurements, and helps provide you with the reproducibility you demand.

**SonoAVC<sup>1</sup>follicle (Sonography-based Automated Volume Count follicle)** – Automatically calculates the number and volume of hypochoic structures in a volume sweep, helping improve efficiency and workflow of follicular assessment.

**SonoVCAD<sup>1</sup>heart (Sonography-based Volume Computer Aided Display heart)** – Helps standardize image orientation of the fetal heart by providing views automatically obtained from a single volume acquisition.

**SonoAVC<sup>1</sup>general** – Innovative research tool to help provide visualization and measurement of hypochoic structures within anatomy such as the fetal brain, kidneys and gynecological sonohystograms.

**SonoVCAD<sup>1</sup>labor** – Helps you evaluate second-stage labor progression, and automatically documents the labor procedure with objective ultrasound data.



#### Fully-articulating arm

- Monitor turns independently of console to help improve visibility

#### Adjustable console

- Height adjusts electronically to user preference
- Console “floats” and smoothly locks into place
- Console keys are right where you need them

#### Easy transport

- One of the lightest and smallest premium consoles available
- Four-wheel swivel with steer and lock

#### 19-inch, high-resolution flat screen monitor

- Large screen helps reduce eye fatigue
- Large image size, picture area and clipboard size helps provide visibility and clarity
- Customizable screen enables side-by-side comparisons of current and previous exam results

#### Intuitive user interface

- Few keystrokes and manipulations
- 3D manipulations from trackball or rotation knobs
- Separate 3D and 4D buttons to help reduce keystrokes

In designing the Voluson E8, we were committed to keeping the clinicians who use it our priority. We envisioned a system that would be enjoyable to use on a daily basis. One that was intuitive, with customizable features to help increase user comfort. Our efforts resulted in an ergonomic system to help reduce fatigue, strain and repetitious actions. And just as important, a user-friendly system that allows you to focus more on the patient while scanning.