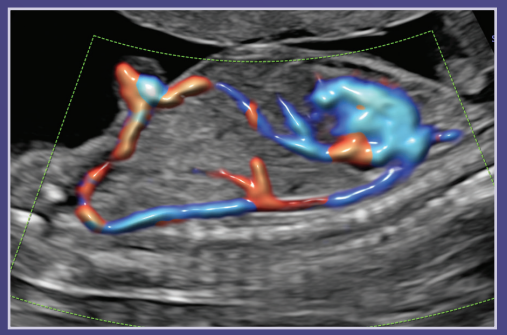
VOLUSON IMAGE QUALITY

VOLUSON E10

LEADING THE WAY – SETTING THE STANDARDS

A busy practice does not have time to manipulate settings to obtain extraordinary image detail. With the innovative Voluson™ technologies, you don't have to – it's all right there on the screen. From superb 2D images to our new 3D/4D imaging technologies, you will get excellent image quality with minimal effort and time to help you to delivery exceptional patient care.



BT19

gehealthcare.com

CLARITY WITH EASE

Unrivaled imaging for your most complex cases

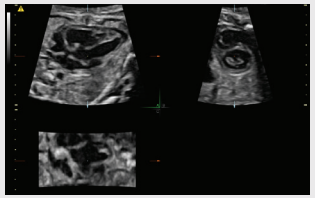
Display extraordinary image detail with Voluson's **Radiance System Architecture**, its sophisticated beam formation and powerful processing gives you:*

4X ultrasound pathways for spectacular 2D and 3D/4D images with increased penetration and clarity

10X data transfer rate for higher resolution and very fast frame rates

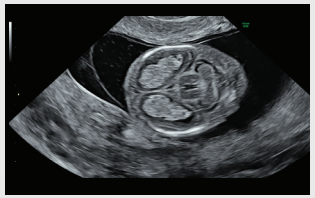
4X processing power for advanced applications and efficient workflow

Obtain **16x faster** volume rates, flexible imaging formats (Bi-Plane), and brilliant resolution with the latest electronic 4D probe technology, *e*M6C G2 – the first commercially available curved electronic matrix 4D technology designed for women's health

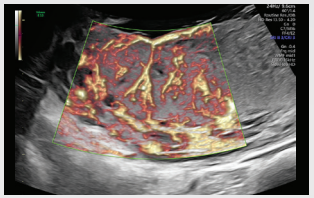


Achieve exceptional tissue and detail resolution with XDclear™ probes – the combination of single crystal, acoustic amplification, and cool stack technology offers clear imaging even with difficult to scan patients

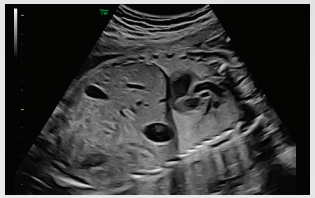
Visualize fine details early in the 1st trimester and in gynecology exams with Voluson's high frequency probes – 9L-D wide-band 2D linear abdominal probe and RIC6-12-D high resolution 4D endovaginal probe



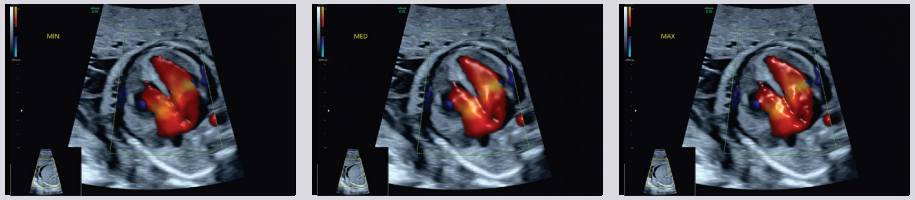
Expand the range of visible blood flow to include low velocities with **Slow*flow*HD** to visualize blood perfusion in very small vessels



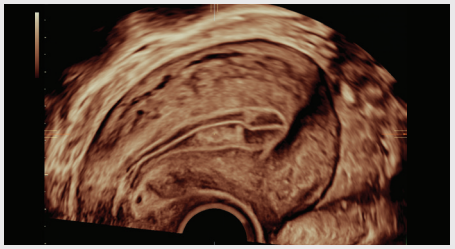
Apply **HDRes** for increased lateral and axial resolution for elevated tissue differentiation, border definition and fine resolution



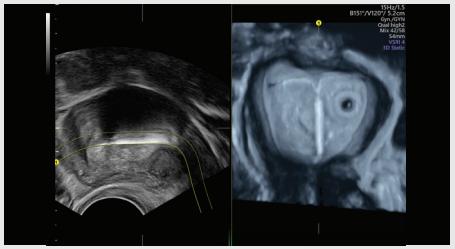
Experience a new standard of color Doppler with **Radiant*flow*** – Delivering easy, fast visualization of even the tiniest of vessel



Alter range of Radiant*flow* levels to enhance visualization of blood flow



Advanced Volume Contrast Imaging (VCI) – Adjusts slice thickness on 3D or 4D images to help enhance contrast resolution with use of render techniques such as bone and tissue renderings. Can be applied in the acquisition plane (VCI-A), static 3D volumes, or OmniView



Obtain any plane from a 3D or 4D volume by simply drawing a line, curve, poly-line or trace through a structure with **OmniView** – easily enables views of even irregularly shaped structures not attainable in 2D imaging

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*Compared to Voluson Expert Series BT13.