

ELECTRONIC 4D TECHNOLOGY

NEW STANDARDS DEPEND ON NEW SOLUTIONS

As you guide the way to higher standards, employ the **eM6C** technology – world's first commercially available curved matrix electronic 4D probe designed specifically for women's health. This revolutionary probe opens new possibilities for exceptional care with ultra-fast volume rates, flexible imaging formats, and excellent resolution in routine women's health exams to complex fetal echocardiography.

The **eM6C** probe works with Voluson's Radiance System Architecture to extract the maximum amount of data rapidly to achieve volume rates up to 16 times higher than those with mechanical probe technology.*

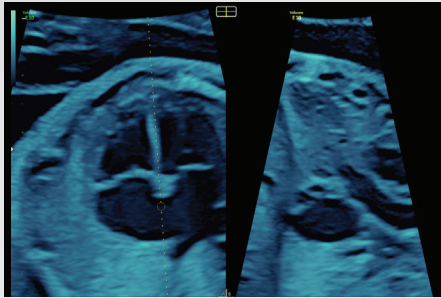
Together, the **eM6C** and the Voluson™ E10 set a new standard in imaging performance to help obtain answers you and your patients demand.

BT19



MORE DETAIL, MORE CLARITY IN LESS TIME

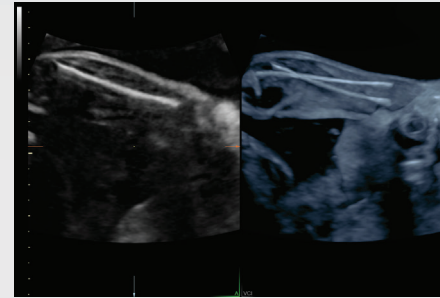
The eM6C probe offers unique rendering tools to help achieve more clinical information, faster



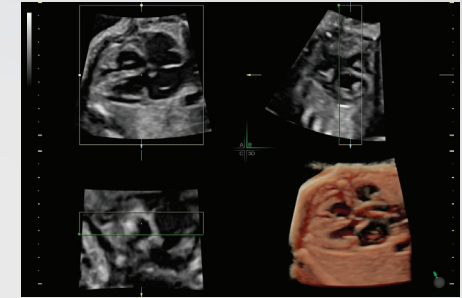
Bi-plane imaging – Provides simultaneous display of high resolution, high frame rate images in two perpendicular planes. Technology may be used in 2D and color Doppler modes.



Real-Time 4D – Ultra-fast volume rates for real-time display of motion allowing for excellent visibility of anatomical structures and functionality – e4D technology provides up to a 62% reduction in 3D acquisition time.

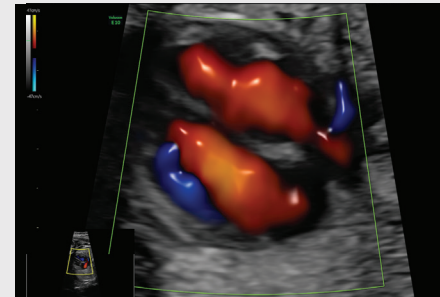
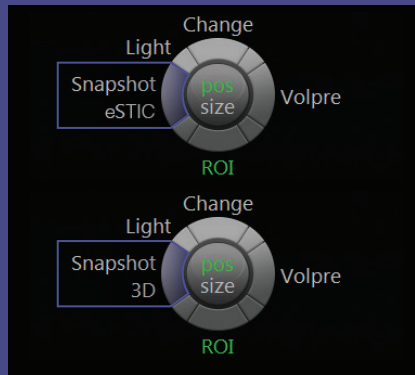


VCI-A (Volume Contrast Imaging) – Delivers excellent contrast resolution through thick slice volume of grey scale and color Doppler images. The ultra-fast frame rate allows VCI-A to be used in standard mode for fetal brain, extremities, and heart exams.

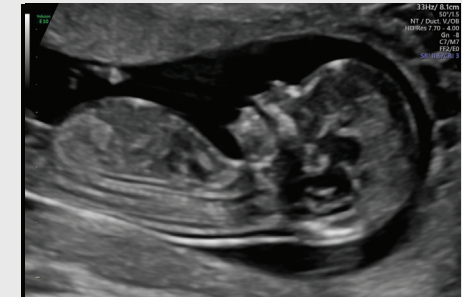


eSTIC (electronic Spatio-Temporal Image Correlation) – Enhances fetal cardiac exams with up to 75% reduction in acquisition time over traditional STIC and delivers improved resolution in the B and C planes.***

e4D SnapShot – Optimizes exam time with one button access from real-time 4D to acquire high resolution 3D volume or eSTIC data sets. SnapShot function can reduce keystrokes more than 80% when moving from real-time 4D to eSTIC or 3D rendering.**



Radiantflow™ provides extraordinary view of the fetal heart with enhanced visualization of chamber separation and a 3D-like impression of the dynamic blood flow



Excellent view of fetal brain structures with HDRes for elevated tissue differentiation, border definition and fine resolution.



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August 2018
JB59717XXI

*Comparison performed using VE10 and eM6C probe BT18 and VE10 and mechanical RAB6 probe BT18.

**Comparison performed using GE's eM6C probe and GE's RAB6-D probe.

***Compared to conventional mechanical probe technology with STIC.