

ELECTRONIC 4D TECHNOLOGY

NEW STANDARDS DEPEND ON NEW SOLUTIONS

As you guide the way to higher standards, employ the *e*M6C 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 *e*M6C probe works with newly enhanced Voluson's Radiance System Architecture to extract the maximum amount of data rapidly to achieve volume rates up to 29 times higher than those with mechanical probe technology.[1]

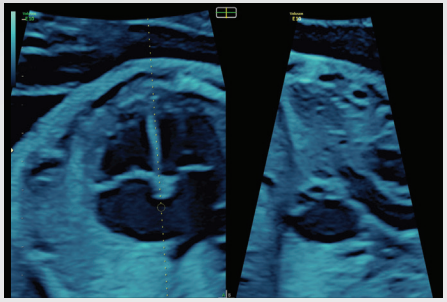
Together, the *e*M6C and the Voluson™ E10 set a new standard in imaging performance to help obtain answers you and your patients demand.

BT20

gehealthcare.com

MORE DETAIL, MORE CLARITY IN LESS TIME

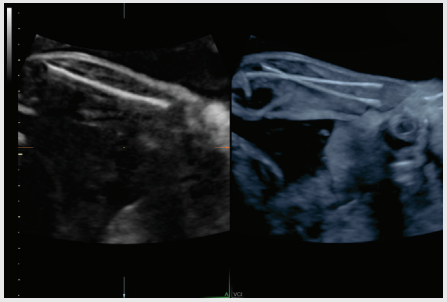
The eM6C probe offers unique rendering tools to help achieve more clinical information, faster



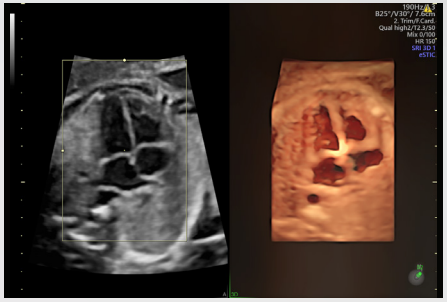
Bi-plane imaging – Provides simultaneous display of high resolution, high frame rate images in two perpendicular planes. Technology available in 2D and color Doppler modes



Real-Time 4D – Presents exceptional visibility with an 86% increase in 4D volume rates for real-time display of motion[4]

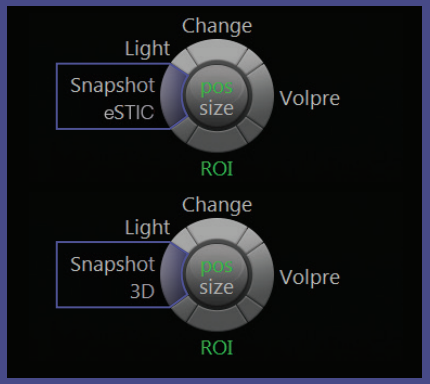


VCI-A (Volume Contrast Imaging) – Delivers excellent contrast resolution through thick slice volume of grey scale and color Doppler images. With a 23% increase in frame rates, VCI-A can be used in standard mode[4]



***e*STIC (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[5]

e4D SnapShot – Optimizes exam time with one button access from real-time 4D to acquire high resolution 3D volume or *e*STIC data sets. SnapShot function can reduce keystrokes more than 80% when moving from real-time 4D to *e*STIC or 3D rendering and overall reduces acquisition time by 67%[2,3]





Radiant*flow*™ provides a 3D-like impression of blood flow with exceptional spatial resolution as seen by this VSD



With excellent 2D imaging with superb detail resolution, the *e*M6C is a great one probe solution for all of your transabdominal scanning needs

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August 2019
JB68869XXn

1. Comparison performed using VE10 and *e*M6C probe BT20 and VE10 and mechanical RAB6 probe BT20.
2. Comparison performed using GE's *e*M6C probe and GE's RAB6-D probe.
3. Reduction in 3D snapshot time BT20 vs BT17.
4. As compared to BT15
5. Compared to conventional mechanical probe technology with STIC.