



VOLUSON FIRST TRIMESTER

EXPERT SERIES

EARLY DETECTION. TIMELY DIAGNOSIS.

First trimester ultrasound imaging is most commonly limited to the risk determination of Down's Syndrome. Adding a detailed ultrasound around 12-14 weeks can help validate chromosomal anomalies but can also identify structural malformations including spina bifida, limb defects, congenital diaphragmatic hernia and congenital heart defects. Using Voluson™ ultrasound systems can help improve the detection rates of chromosomal and structural anomalies for earlier detection, providing answers sooner for better decision making.

BT20



PROMPT ANSWERS FOR STRONGER DECISIONS

The innovative design and powerful capabilities of the Voluson's **Radiance System Architecture** simplifies scanning and lets you focus on the image detail. Newly enhanced hardware and software amplifies the performance delivering enhanced spatial and contrast resolution, faster processing and frame rates to get the most out of your images efficiently for diagnostic assurance.



Providing you the ability to confidently explore fetal images in the earliest stages – The high resolution 4D transducer (RIC 6-12-D) helps you detect the finest details in the first trimester



To align with the latest ISUOG (International Society of Ultrasound in Obstetrics and Gynecology), AIUM (American Society of Ultrasound in Medicine), and other regional safety guidelines, Voluson Expert Systems offer customizable TI/MI settings and alerts. Once the Acoustic Output limit has been set and locked, active alerts are provided while scanning

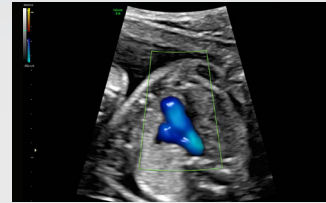
Tricefy™ inside – unique cloud based solution to share, collaborate and archive ultrasound images and reports securely with colleagues and patients directly from your Voluson



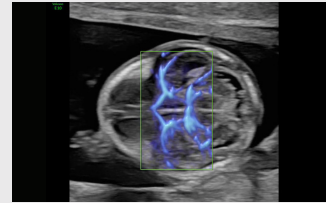
© 2020 General Electric Company – All rights reserved.

GE Healthcare reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Healthcare representative for the most current information. GE, the GE Monogram, Voluson, HD*live* and SonoNT are trademarks of General Electric Company. GE Healthcare, a division of General Electric Company. Tricefy™ trademarks are registered trademarks of Trice Imaging, Inc. GE Medical Systems, Inc., doing business as GE Healthcare.

January 2020
JB68869XXaa



Achieve a new standard of color Doppler – **Radiantflow™** delivers easy, fast visualization of blood flow using the amplitude of the Color Doppler signal to enhance the robustness and create a 3D-like appearance



Expand the range of visible blood flow to include low velocities with **SlowflowHD** to visualize blood perfusion

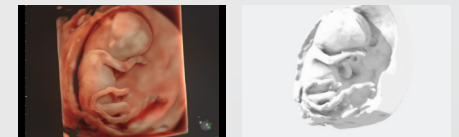


SonoNT™/SonoIT – (Sonography-based Nuchal/ Intracranial Translucency) – semi-automatic, standardized measurements of nuchal and intracranial translucency



Easily obtain volume images with unprecedented depth and clarity using the **HD*live*™** technology suite – an essential problem solving tool for a deeper understanding of relational anatomy and developing structure

Explore **3D Printing** for rapid clinical prototyping, research, and parent bonding. Export files directly from the Voluson ultrasound system to instantly 3D print projected and full mesh data sets.



*BT20 compared to BT15