

VOLUSON™ HD*live* TECHNOLOGIES

S10 AND S8

YOUR VISION – NEW PERSPECTIVES

Having more information can help enrich clinician-patient communication and facilitate a more complete understanding of exam results. With Voluson's HD*live*™ technology, you can reveal a unique clinical perspective of fetal and female anatomy bringing unprecedented anatomical realism to surface, vascular, and internal structures.

Powered by the Voluson Core Architecture, HD*live* utilizes a combination of advanced skin illuminating and shadowing techniques to expose possible hidden details for a deeper understanding of relational anatomy and developing structures.



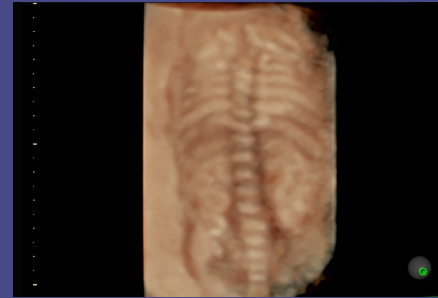
ILLUMINATING THE FINE DETAILS

Realistic images for meaningful dialogues

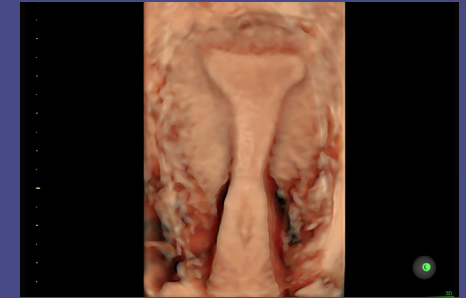
HDlive imaging is enabled through a combination of the Voluson Core Architecture and advanced volume technologies. While conventional ultrasound uses a fixed light source that reflects light off the skin surface, *HDlive* offers a movable virtual light source and calculates the propagation of light through skin and tissue.

You can freely position the light at any angle relative to the ultrasound volume to illuminate areas of interest with the trackball. Position the light source behind the acquired volume and you will present the effect of translucency. With each application, it helps to reveal fine details for more comprehensive evaluations.

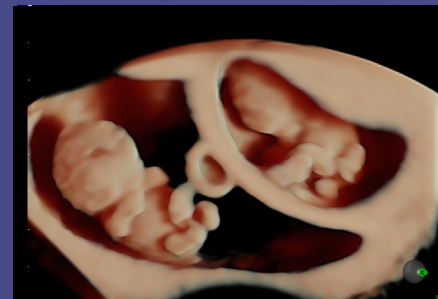
It can also help enrich clinician to patient communication, facilitating a more complete understanding of exam results and visual connection. Voluson *HDlive* is helping establish a new level of 3D/4D imaging which can help empower clinicians with increased clinical confidence and improved image clarity.



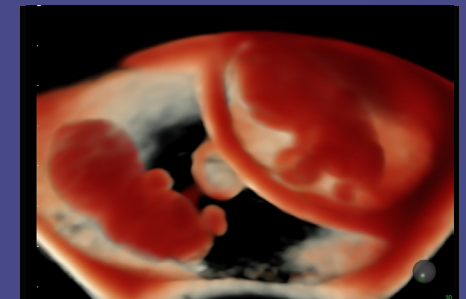
Detailed fetal spine and kidneys



Coronal plane of uterus rendered with *HDlive*



9 week twins with light source from front



9 week twins with light source from back



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