



# *HDlive* TECHNOLOGIES

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™ suite of *HDlive*™ technologies, reveal a unique clinical perspective of fetal and female anatomy that brings unprecedented anatomical realism to surface, vascular, and internal structures.

Powered by the Voluson's Radiance System Architecture, *HDlive* 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.

BT21

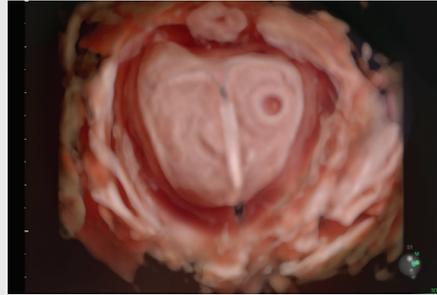


# ILLUMINATING THE FINE DETAILS

While conventional ultrasound rendering uses a fixed light source reflecting light off the skin surface, HDlive delivers customizable virtual light sources. Select light target area, direction, and intensity to highlight depth perception and internal structures.



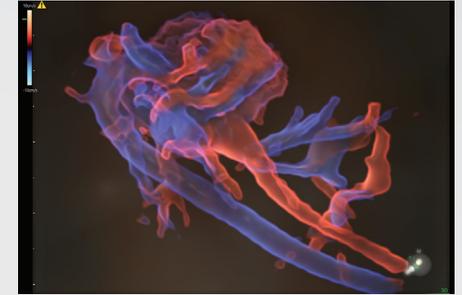
**HDlive Silhouette** – Dynamically apply transparency to rendered structures for a more thorough view of anatomy from a solid surface structure to developing internal anatomy.



**HDlive Studio** – Illuminate fluid and anatomy with up to three independent light sources of variable intensity to focus on even the tiniest of structures.



**HDlive Flow** – Clearly display vascular structures and orientation with greater dimension and illumination.



**HDlive Flow Silhouette** – Visualize blood vessels and fetal heart flow to provide greater insight transparently through vascular anatomy.



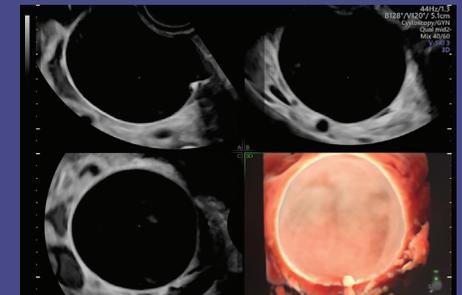
11 weeks fetus with cystic hygroma with HDlive Silhouette



STIC acquisition highlighted with HDlive Flow for vessel detail



Gastroschisis rendered with HDlive Studio helps increase depth perception and anatomic realism



Ovarian cyst with calcification



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