



Natural illumination 3D image technology

With Samsung Medison's FRV (Feto Realistic View"), you can experience the most realistic fetoscopic images with RGB rendering technology and its easy and simple user interface.

www.samsungmedison.com



FRV TM Feto Realistic View

Samsung Medison's FRV™ is an image rendering technology that gathers much more information from 3D/4D data than previous technology, and enables to express more detailed images of the fetus.



 $\mathsf{FRV^{\mathsf{IM}}}$ rendering image of embryo and detailed view of the hand

FRV™ is also compatible with Samsung Medison's other 3D functions such as HDVI™, SFVI™ or VC.



FRV™ + HDVI™ + SFVI™ + VC FRV™ + SFVI™ + VC



+ VC



FRV" + VC



Original image

Images of gestation periods with $FRV^{\mathbb{N}}$ can strengthen an emotional bond between patients and their baby.



9 weeks fetus



10 weeks fetus



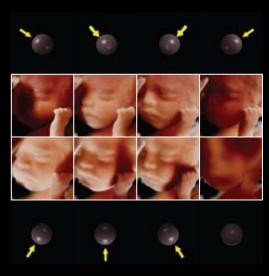
11 weeks fetus



12 weeks fetus



13 weeks fetus



The direction of the light may be altered for the user to render the most adequate image. The intensity of the light may also be changed, providing numerous combinations of images to render.

Transparency control in FRV™ prevents structures from turning to black and provides accurate image.





FRV™'s shadow expression provides more detailed image especially small parts like hands.







LF-FRV-MCI-120825-EN



SAMSUNG MEDISON

Samsung Medison is a global leading medical devices company. Founded in 1985, the company now sells cutting-edge medical devices including diagnostic ultrasound, digital X-ray and blood analyzer, in 110 countries around the world. The company has attracted global attention in the medical field with its R&D capabilities and advanced technologies. In 2011, Samsung Medison became an affiliate company of Samsung Electronics, integrating world's best IT, image processing, semiconductor and communication technologies into medical devices.