

**the next level in
women's health ultrasound imaging**

Ultrasound technologies for complete fetal assessment

Many factors contribute to a successful pregnancy exam with ultrasound: high image quality, the right transducer, clear colour visualizations, reliable measurements, and advanced imaging modes. We offer all of this, and more, in a wide range of solutions for university hospitals as well as small practices.

See small details clearly at an early gestational age

The combination of our image processing, probe technology and superior image optimisations permit to capture the subtlest of signals. You get crystal-clear, sharp B-mode images in high resolution. So you can be confident in assessing fetal well-being, and explaining the exam to the new parents.



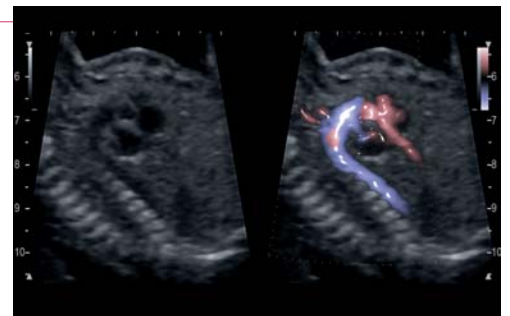
Spot micro-vasculature in the fetal and maternal anatomy with highly sensitive colour imaging modes

Now you can see vessels you've never been able to spot before with our high resolution eFLOW and new DFI imaging. They drastically improve visualisation of very slow vessels, as well as highly dynamic blood flows. Conventional colour modes are prone to motion artefacts, resulting in noisy images. DFI removes these artefacts from the actual blood flow – delivering highly detailed, clear and accurate information on blood perfusion.



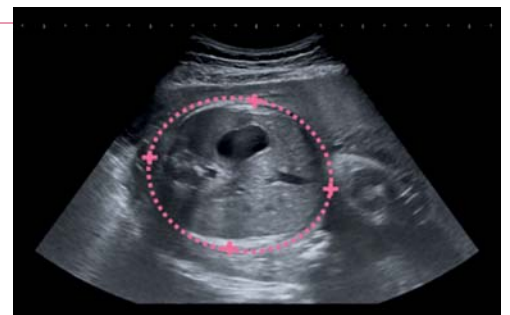
Add a glossy effect to blood flows for a 3D-like look

Take your flow imaging to the next level with our Glossy mode. It adds a reflection effect to blood flow, creating a 3D-like image with vivid highlights. This improves visibility and simplifies your understanding of the structural anatomy, the flow patterns and the positional relationship of vessels.



Automated measurements for great accuracy

Your data is just one click away with our AI-based automatic measurements for fetal biometry and the estimated fetal weight. What's more you can calculate the nuchal translucency, fetal heart rate and fractional shortening – all automatically. So when it comes to speeding up your exams, increasing accuracy and reducing your own stress... just let the system take the strain.

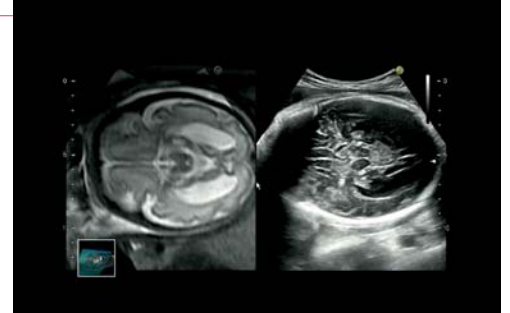




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**Fusion imaging to dive deeper
into complex pathologies for fetal brain or placenta**

RVS allows the real-time combination of existing MRI data with ultrasound B-mode, Doppler and elastography images. You benefit from the diagnostic power of both modalities simultaneously – for example, in fusion studies for complete or partial agenesis of the corpus callosum, posterior fossa anomalies or placenta accrete. By complementing your earlier MRI findings with ultrasound, we'll help you verify doubtful anatomical structures.



**Use lightweight probes for all stages of pregnancy –
or combine them in CMUT**

Our ultrasound probes are lightweight and ergonomically designed in various formats: convex, linear or transvaginal. Single crystal technology gives you cutting-edge images. A special highlight is our innovative CMUT linear probe – incorporating high resolution, penetration and a superwide frequency bandwidth with the newest ultrasound technology. Use it to perform fetal screening from early gestation right through to the later stages of pregnancy.

