

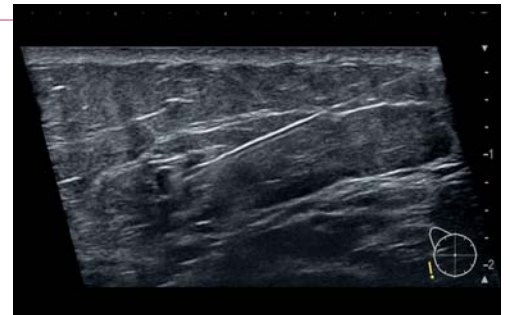
**the next level in
women's health ultrasound imaging**

Breast Imaging

Every patient is different – and so are their soft tissue breast, underarm and lymph node examinations. We know you need to make the most of every minute needed to screen your patients. To help you spot any suspicious signs quickly, we offer various ultrasound tools tailored to the needs of every woman.

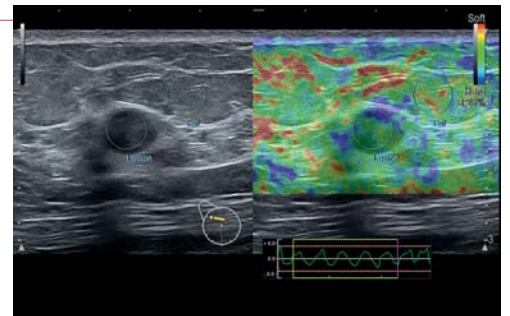
Get a clear image to spot and characterise tissue abnormalities **at an early stage**

With our premium image quality and Carving Imaging mode, you'll get precise and sharp visualisations of the breast. Clear delineation of tissue structures will give you a better understanding of what you're dealing with. Meanwhile, the image stays realistic, without losing signs due to over-processing. You can detect shadows around lesions; see if it's fluid or solid; or confidently guide a cytology needle for biopsy.



Take a **harder look at soft tissue** with strain and shear wave elastography

Understand tissue elasticity and differentiate between benign and malignant lesions on a colour map according to the Tsukuba or BI-RADS scale. The system automatically identifies the region of interest, and you can calculate strain ratio or fat and lesion ratio (FLR) with a single click. We were the first company to launch an elastography solution (back in 2003) – and we continue to improve this feature for the benefit of you and your patients.



Understand **blood flows in the breast** with precision and detail

Guide your treatment steps by assessing vascularity both inside and around suspicious areas – including the viewing of tiny and slow vessels with our eFLOW and DFI imaging mode. It will not only help you characterise the lesion, but also to plan a tissue sample biopsy without causing a haematoma (and the possible delay of the procedure). And to monitor flow patterns in more detail, you can apply Contrast Imaging – before, during or after treatment.



MRI-Ultrasound **fusion imaging** in the mammary gland

Compare your patient's MRI images with real-time ultrasound to get a complete, conclusive confirmation of the lesion location. You can plan preoperative markings or needle paths; increase precision in interventional procedures; and monitor treatment success after chemical therapy.





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**See all layers of the breast at once
with our innovative CMUT transducer**

Save yourself the hassle of changing probes with our wideband CMUT. It helps you view the entire breast, from the skin to the pleura, ribs and thoracic wall in perfectly clear detail – regardless of its size, or the thickness and density of the mammary gland. Even difficult breasts (like type IV density, post-operative or large volume) are easier to scan. CMUT will not only increase your level of precision and diagnostic understanding, but also save you time and costs by using just one probe for the whole examination.



**Know where you are with markings
on the transducer head and the B-mode image**

Thanks to physical markings on the transducer head, you can easily paint mark-ups onto the breast skin prior to a surgery or interventional procedure. This gives you a useful positional relation between the organ and the probe; while the corresponding lines are displayed on the B-mode image. All of which means that you'll know exactly where you are during image-guided biopsies and other procedures.

