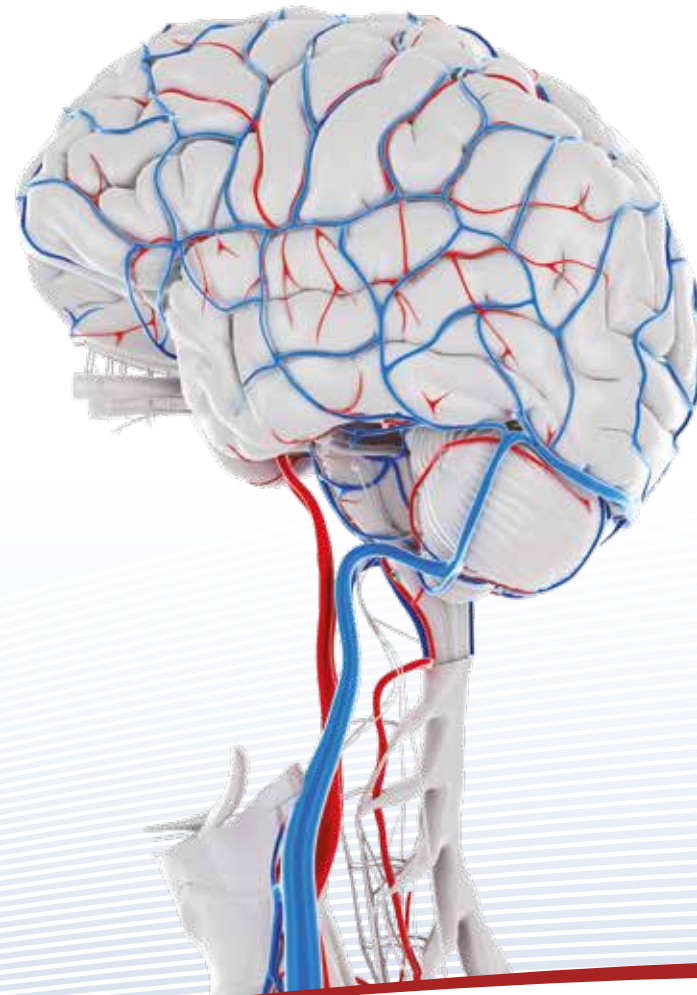


# Neurosonology

## Total Brain Approach

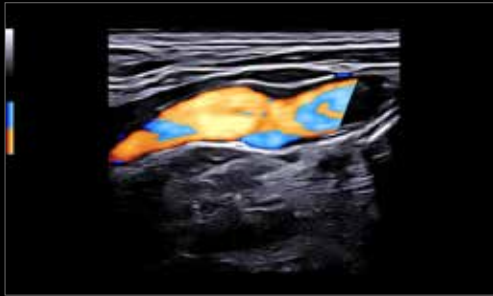


NEVER STOP SEEING THE UNSEEN.

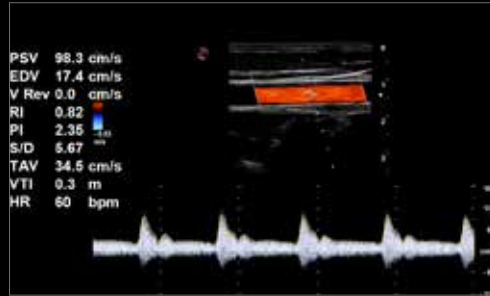


# From Vessels to Brain perfusion analysis

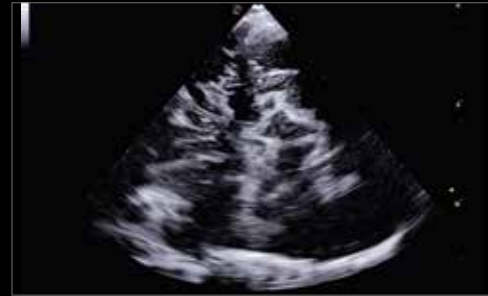
Esaote unlocks the full potential of ultrasound neurosonology imaging with its latest technologies, introducing advanced vascularization tools such as microV and BrightFlow. The dedicated NeuroFusion imaging solution delivers unmatched clinical value, transforming how diagnoses are made and how patients are followed up.



Carotid CFM



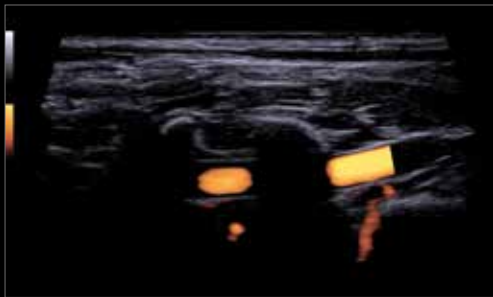
PW with ADM (automatic Doppler measurement)



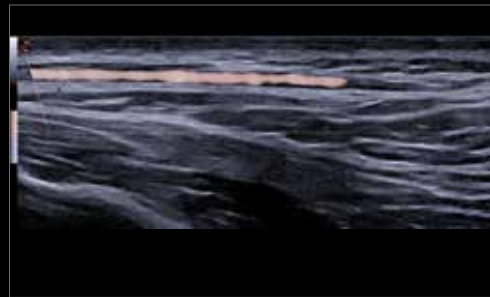
XCrystal Technology, Fund imaging



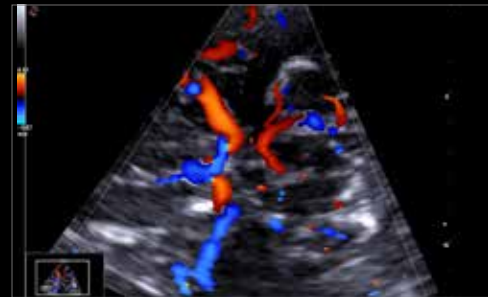
XCrystal Technology, TEI imaging



Power-Doppler in vertebral artery



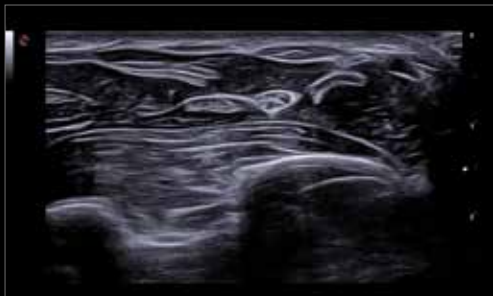
XFlow in temporal artery



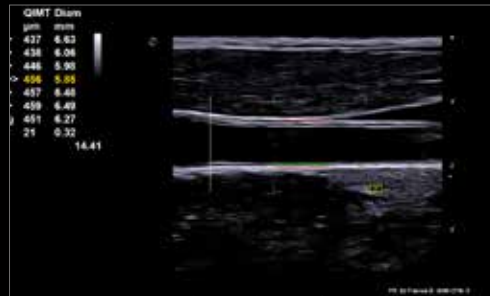
Artery Flow with CFM



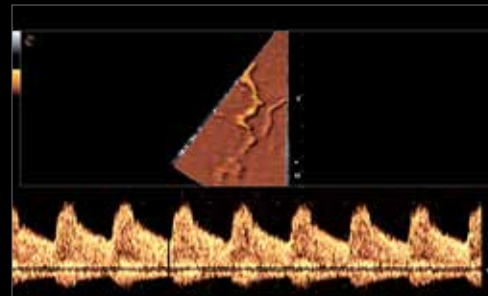
Vein Flow with CFM



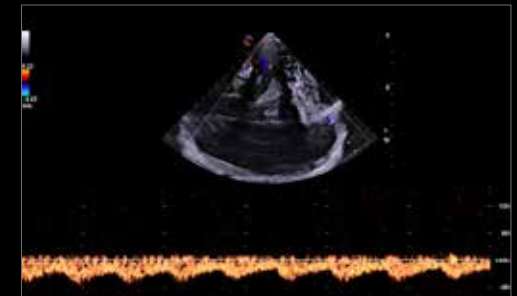
XView+in Nerve with HF probe



QIMT-QAS



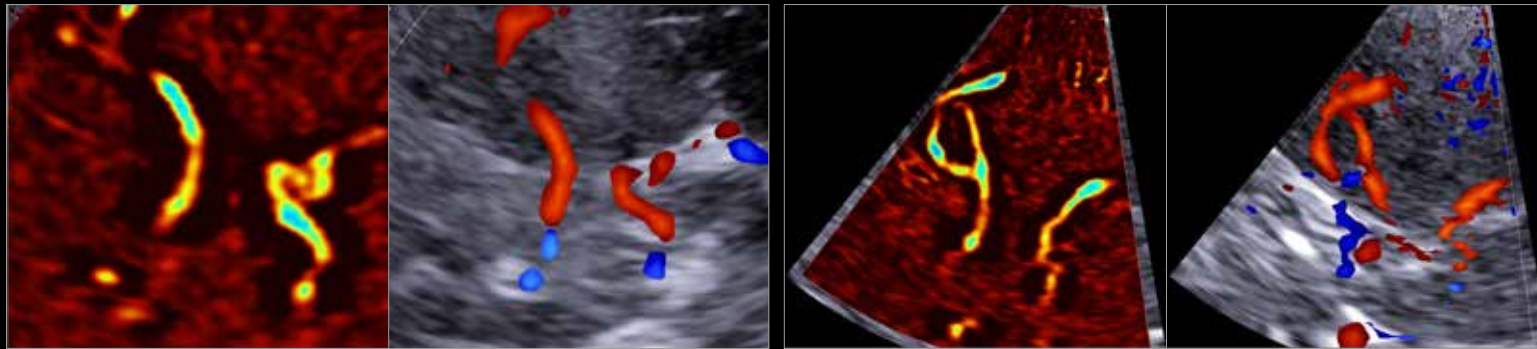
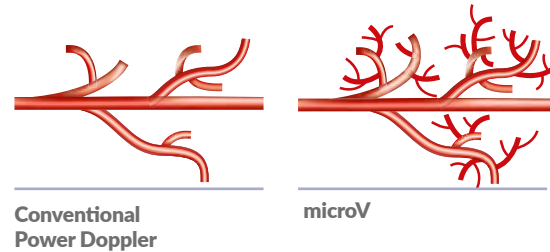
PW + BrightFlow



PW in Vein Flow

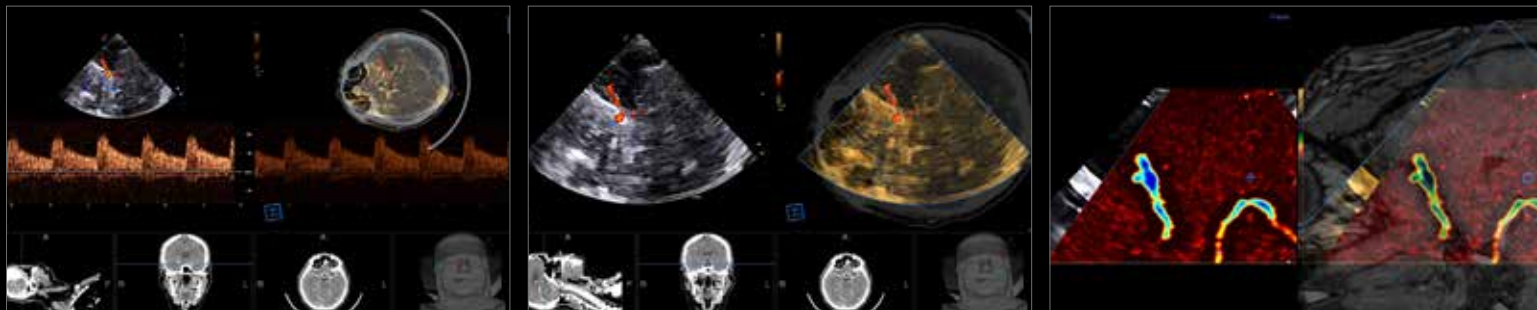
# microV

Boasting exceptional sensitivity, spatial resolution, and frame rate for hemodynamic analysis of microvascularization in tissue perfusion, microV offers unparalleled precision in detecting brain vessels. Extended use from neurosonologists has confirmed both a higher resolution in the morphological definition of the vessel and the different flow velocities, providing the option to study intracranial stenoses that are hard to detect with conventional Doppler methods currently used in clinical practice.<sup>1</sup>



# NeuroFusion

NeuroFusion gives operators the option to perform real-time fusion with multiple second-modality imaging (such as CT or angio MRI), adding real-time ultrasound capabilities such as Color Doppler, microV, CEUS and Pulse-Wave Doppler. Virtual Navigator increases diagnostic confidence and follow-up.

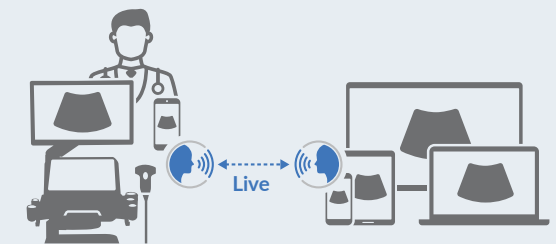


# MyLab™ Share

**Collaborate in real time with experts. Anywhere.**

MyLab™ Share is an Android™ app designed to connect the **eStreaming** feature of Esaote's ultrasound systems to remote experts for real-time image sharing.

MyLab™ Share establishes the communication channel, then eStreaming transfers scanning images to a PC or mobile for remote collaboration, education and training purposes. The care team can then receive support from healthcare experts through a remote peer-to-peer collaboration\*. MyLab™ Share is your bridge to the world.



\* Images reviewed from remote devices are not intended for diagnostic purposes



Reference:

1. Role of Advanced Hemodynamic Ultrasound Evaluation in the Differential Diagnosis of Middle Cerebral Artery Stenosis: Introducing Morphological Criteria  
Giovanni Malferrari, Nicola Merli, Vincenzo Inchingolo, Antonio Siniscalchi, Domenico Laterza, Daniela Monaco, Giorgia Arnone, Andrea Zini, Francesco Prada, Cristiano Azzini, Maura Pugliatti



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