

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.

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CT-EKO7-BRZ-MCI-120330-EN

EKO7
Cardiac-based Ultrasound System

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Aspiration of cardiovascular system and more



Meet the EK07, the cardiac-based ultrasound system that reaches your expectation with its clear images and advanced technologies. Easy-to-use features and the latest ultrasound technologies combine with the very best in image quality to make diagnosis easy, and maximize your workplace output. With the EK07, you can concentrate more on the patient, less on the system.



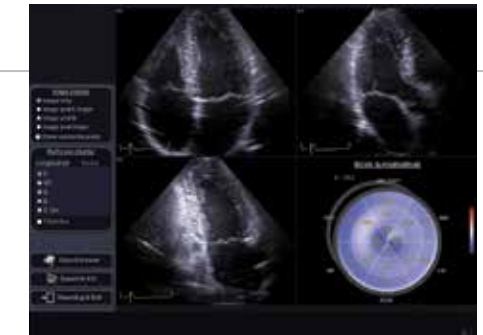
Acquire an extraordinary diagnostic imaging

The EK07 features our top-of-the-range quantification tools and quick and easy protocols. The EK07 provides 2D speckle based global strain value, pre-loaded StressEcho protocols with easily editable grid format, and Auto IMT™ for one touch analysis. All of these technologies will help you to make confident, fact-based decisions and give your patients best possible treatment in short time.

Advanced Quantification Tools

• 3 Plane Strain

3 Plane Strain allows you to easily detect myocardial deformation by providing global and segmental values of left ventricular function.



Results - Different presentations of Strain

• StressEcho

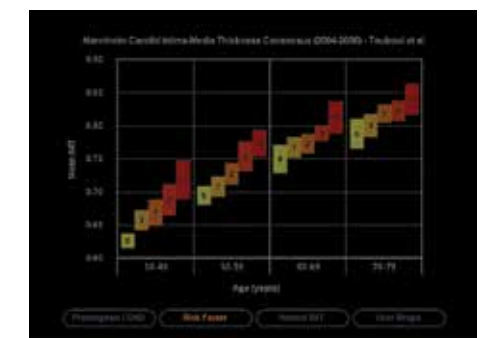
Fully expandable features are integrated into a protocol for quick and easy Stress Echo exam.



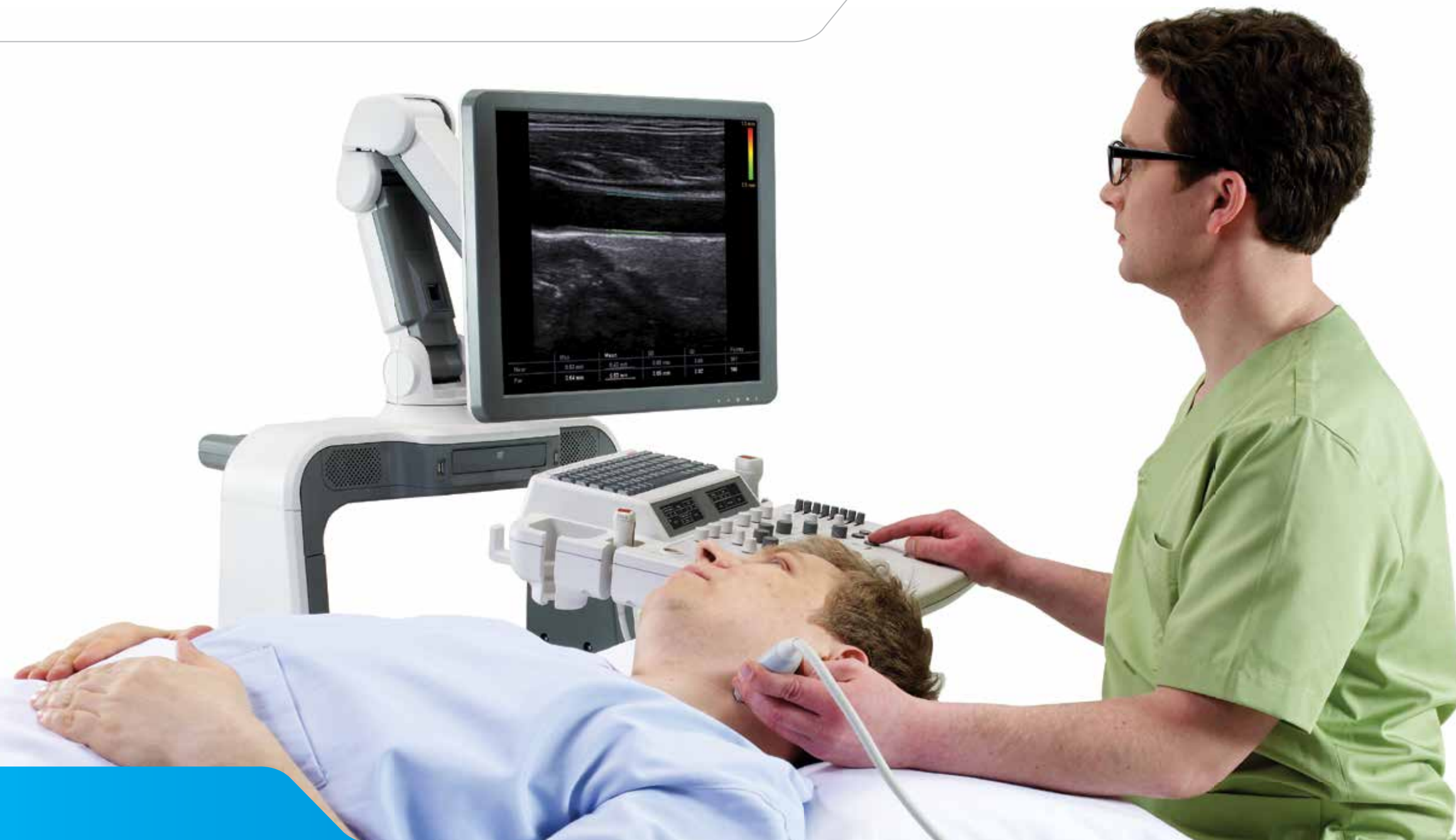
Report - Scoring of Wall Motion

• Auto IMT™

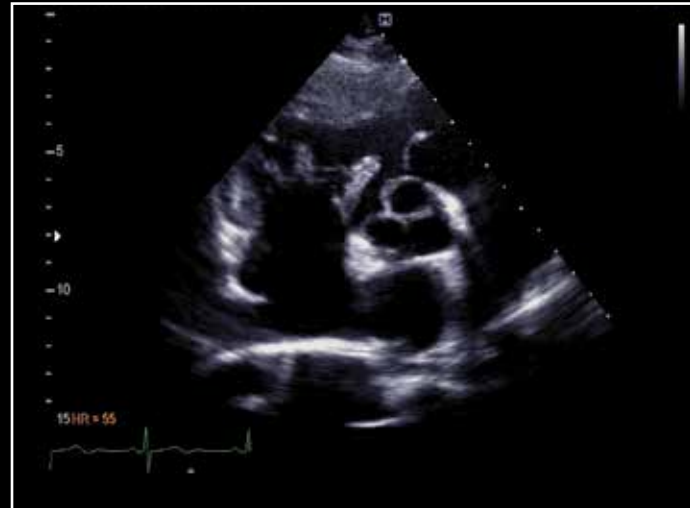
Auto IMT™ provides automatic measurement of intima-media thickness.



IMT, risk factor



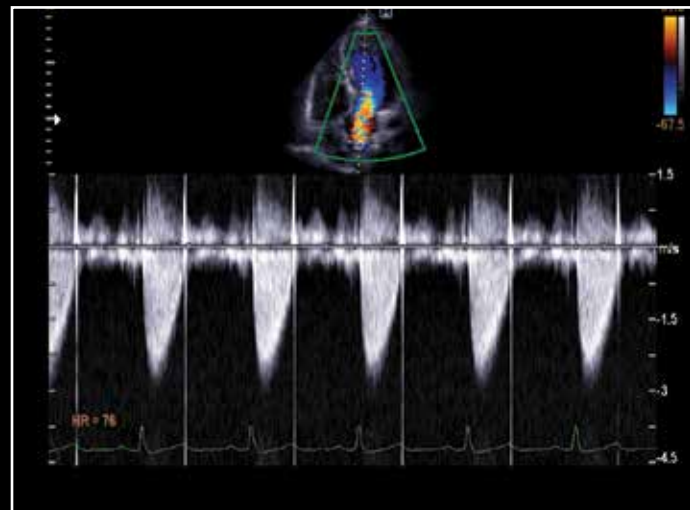
Cardiac images



VSD - short axis view



ASD - subcostal view



Aortic Stenosis - continuous wave



Anatomical M-mode

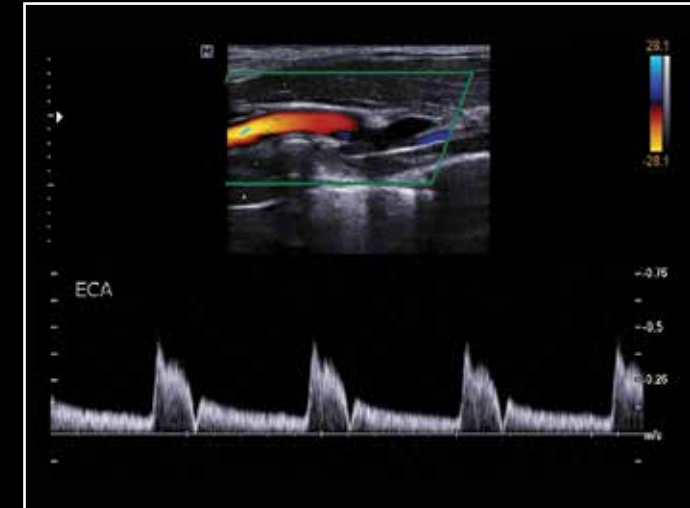


Left ventricular opacification

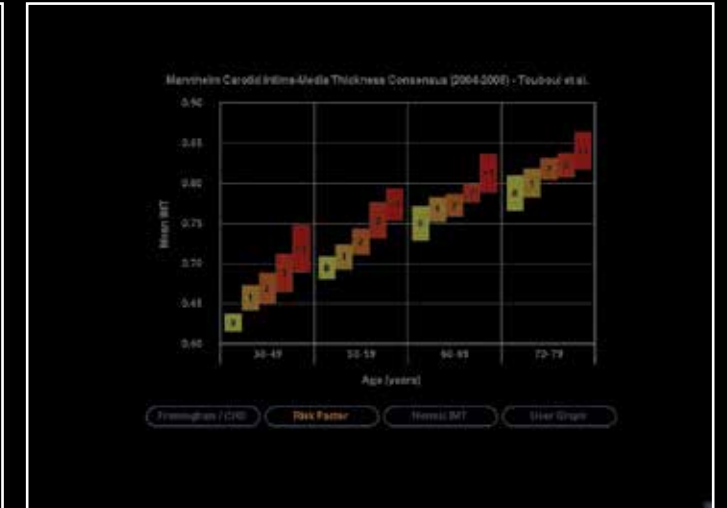


Left atrial appendage

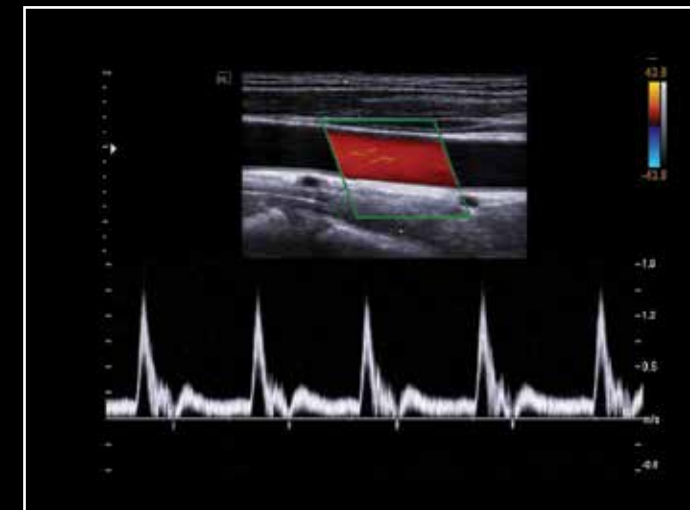
Vascular images



External carotid artery



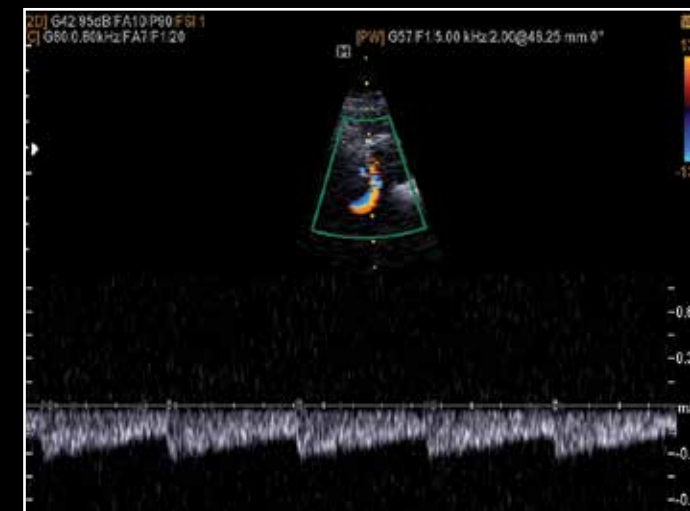
Auto IMT™ - Analysis



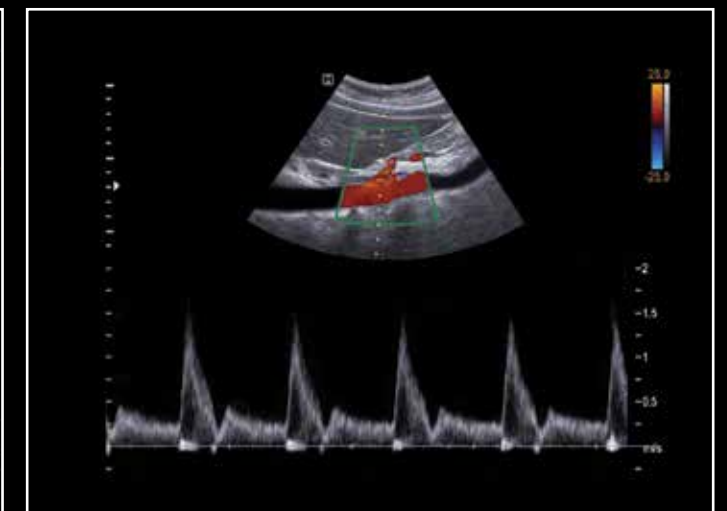
Common carotid artery



Renal artery



Transcranial doppler

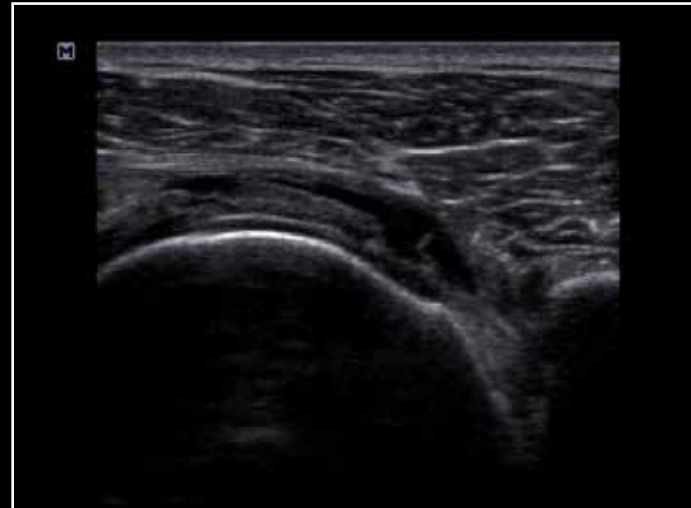


Celiac artery

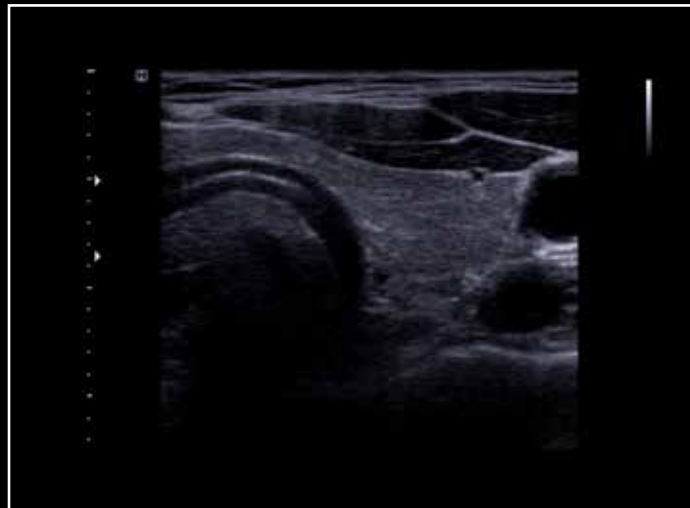
General images



Gall bladder



MSK



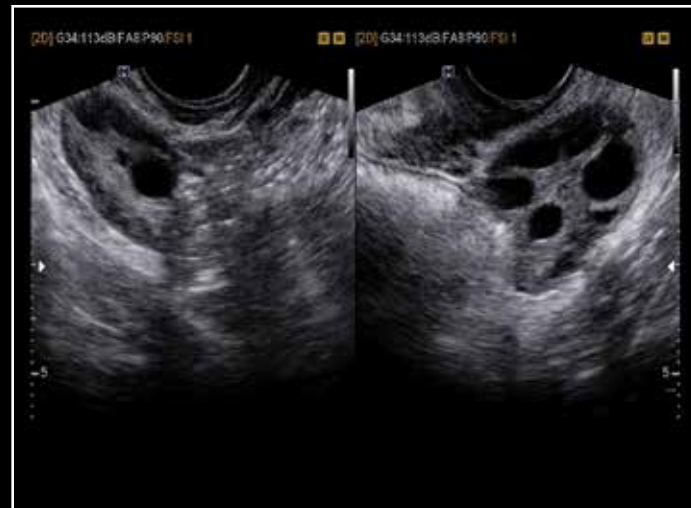
Thyroid



Kidney

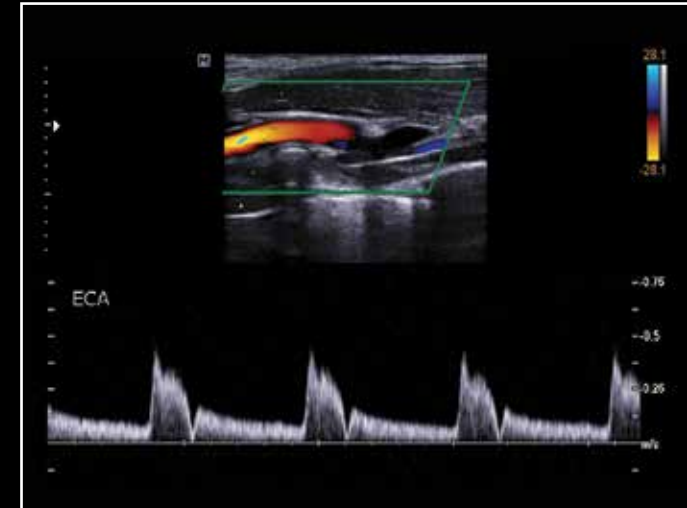


Uterus

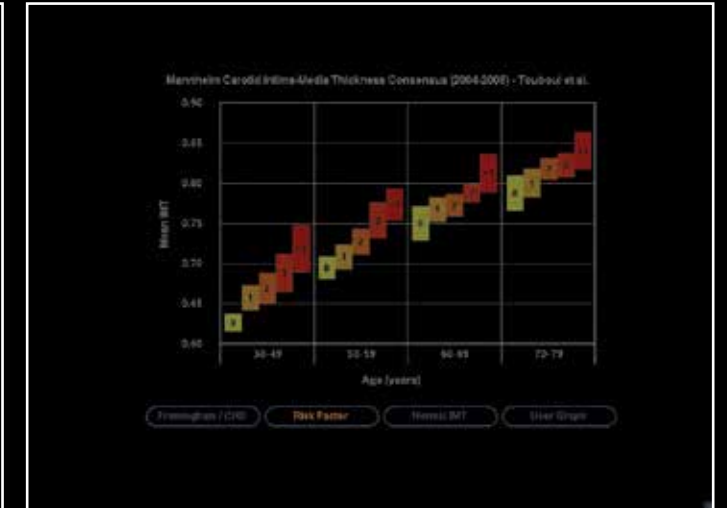


Both ovaries

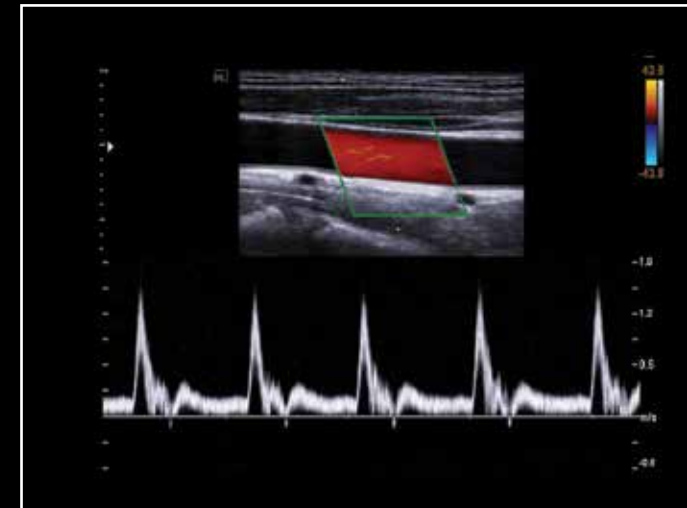
Vascular images



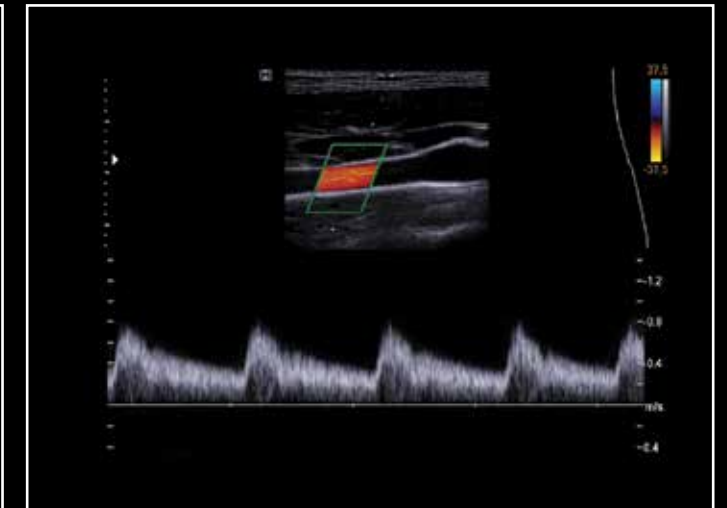
External carotid artery



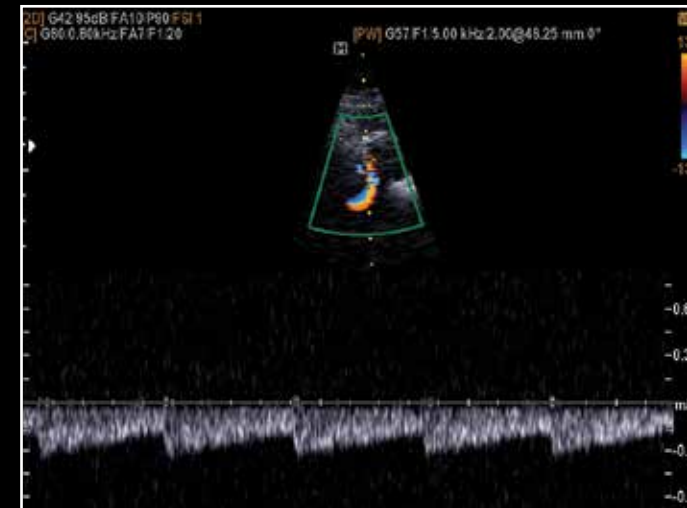
Auto IMT™ - Analysis



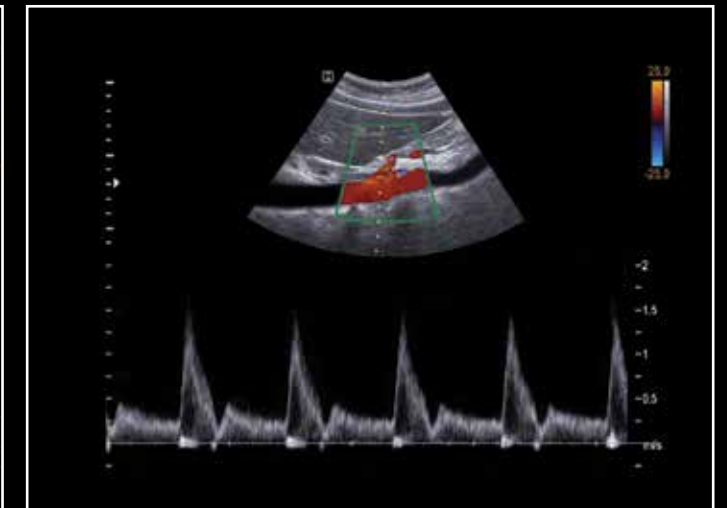
Common carotid artery



Internal carotid artery



Transcranial doppler



Celiac artery