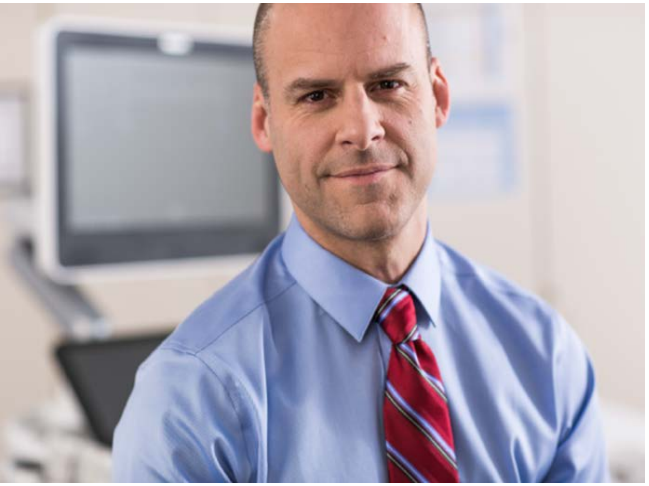
Affiniti 50

It understands your everyday

innovation + you

PHILIPS

You always go above and beyond to provide the best care to your patients. But you are expected to do so with less time, fewer resources, and higher patient volumes. The care you want to provide deserves tools that can set you ahead and stay ahead.



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Introducing Philips Affiniti 50

It understands your everyday

Engineered for efficiency and reliability,
and powered by Philips proven performance,
Affiniti 50 brings you outstanding image quality,
advanced features, and walk-up usability.

All in an elegant, easy-to-use design with the
broad applicability you need.

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Philips Affiniti 50

Superb clinical versatility

Philips Affiniti supports a wide range of small, lightweight transducers that can be shared across our premium EPIQ, Sparq, CX30, and CX50 compact systems.

- Abdominal
- Obstetrical
- Fetal echo
- Cerebrovascular
- Peripheral vascular
- Abdominal vascular
- Temporal TCD
- Gynecological and fertility
- Small parts and superficial
- Musculoskeletal
- Pediatric general imaging
- Prostate
- Adult echocardiography
- Pediatric echocardiography
- Stress echocardiography
- Adult transesophageal
- Surgical imaging
- Interventional imaging
- Contrast imaging
- Bowel imaging
- Elastography

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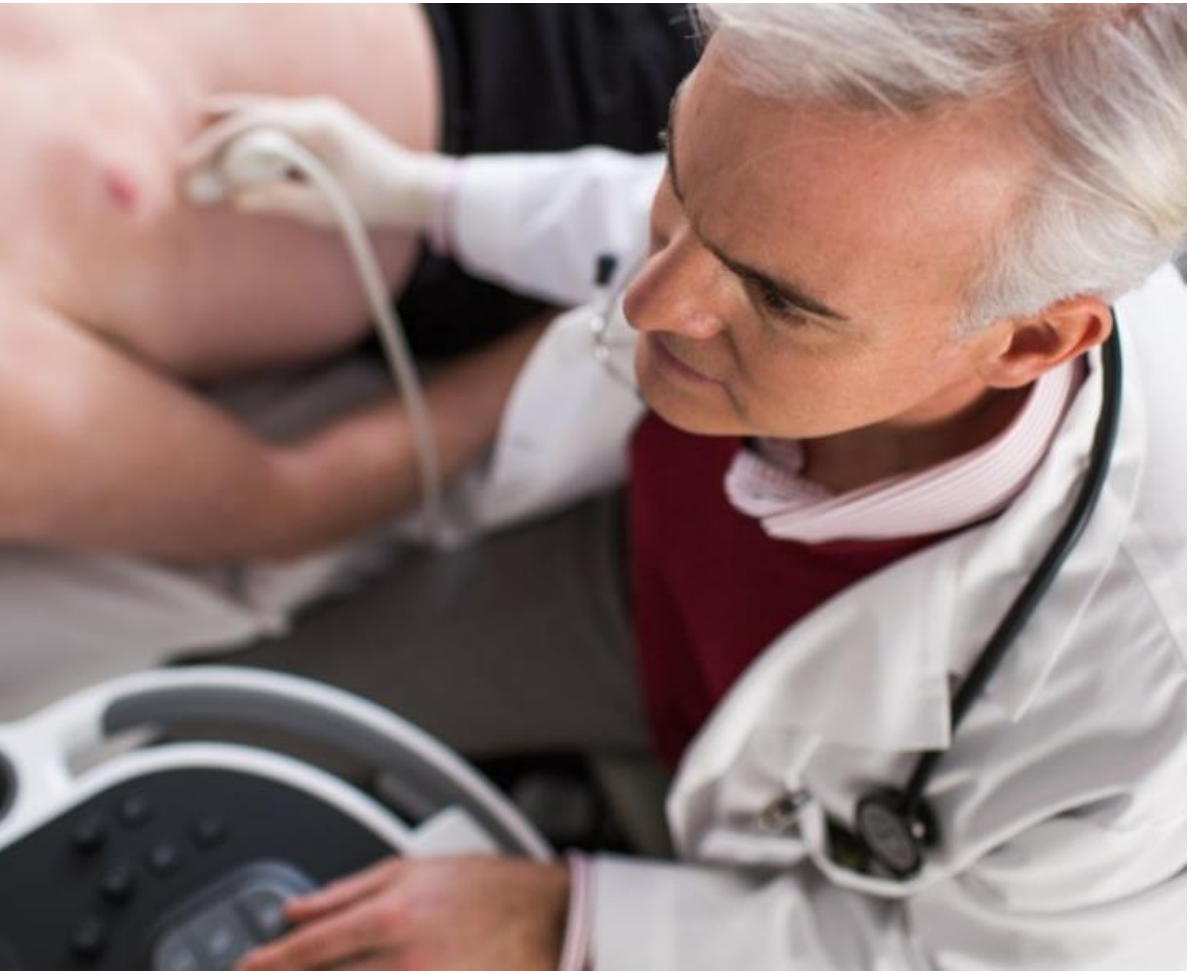
Workflow meets wow



CONFIDENT THROUGHPUT

EXPERIENCE

TOTAL COST OF OWNERSHIP

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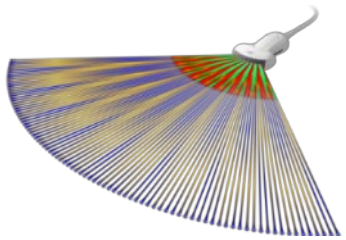
Affiniti 50 for General Imaging

CONFIDENT THROUGHPUT

A powerful combination of performance and workflow to help you make a quick confident diagnosis



Transducer technology

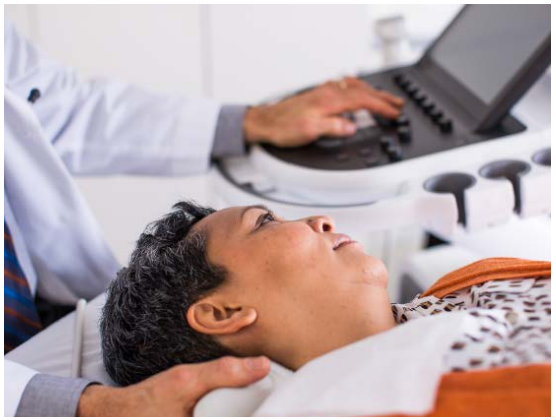
C6-2, L18-5, L12-5,
L12-4, S4-2, C9-4v

Affiniti 50 precision beamforming

Delivers superb spatial and contrast resolution, **outstanding tissue uniformity, few artifacts, and reduced image clutter.**

Tissue-Specific Preset (TSP)

The combination of transducer optimization for specific exams, along with Affiniti 50 precision beamforming provide excellent image quality with **little or no need for image adjustment.**



All the capabilities needed for day-to-day applications, plus advanced features and automation that enhance exam efficiency and simplify workflow.

- **Elastography, CEUS**
- **Auto Doppler, AutoSCAN, SmartExam**

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Elastography

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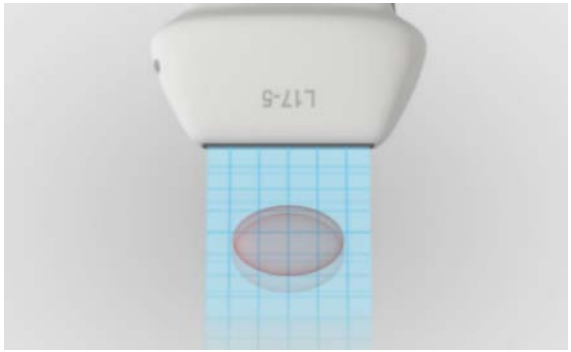
More definitive clinical information about tissue stiffness

Affiniti 50 supports highly sensitive strain elastography, which requires no external compression and can be used to assess relative tissue stiffness across a variety of applications including small parts, breast, and gynecology.



Strain elastography

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Contrast enhanced ultrasound (CEUS)*

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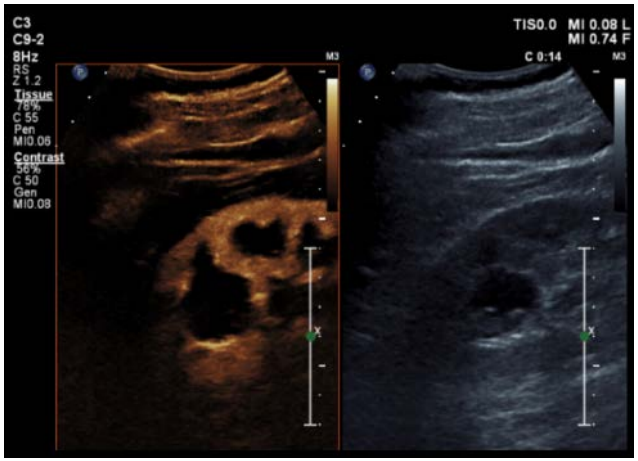
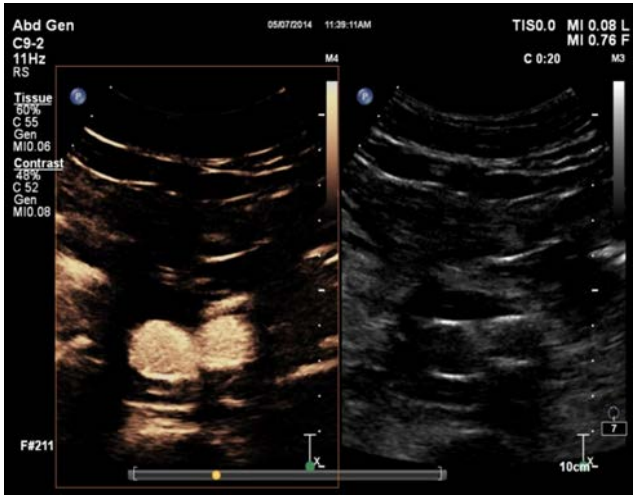
Dynamic organ and tumor assessment in real time

With Affiniti 50, you can easily add contrast-enhanced ultrasound (CEUS) to nearly any exam. Affiniti 50 provides exceptional CEUS performance across multiple applications, which allows for dynamic assessment of organ and tumor perfusion in real time.





*Not available in the United States

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CONFIDENT THROUGHPUT

2D Anatomical Intelligence

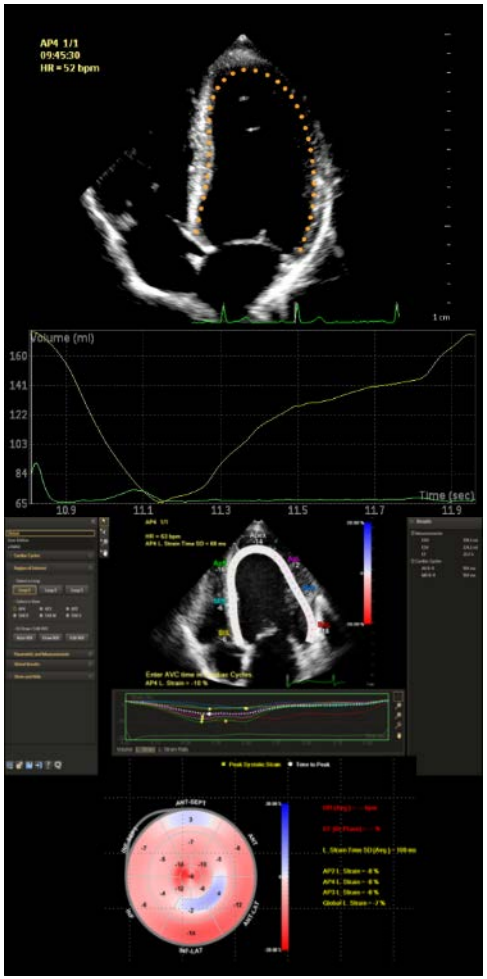
Automation that leads to everyday efficiency.

a2DQ$^{A.I.}$ for AutoEF

- Rapid access to validated 2D EF and volumes—Calculated using Biplane Simpsons Method of Disks
- Fast—10 seconds to get EF

aCMQ$^{A.I.}$ for GLS and EF

- Rapid access to Global Longitudinal Strain from all three apical views
- AutoEF calculated simultaneously with no extra steps



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Comfort meets competence

CONFIDENT THROUGHPUT

EXPERIENCE

TOTAL COST OF OWNERSHIP

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Philips Affiniti 50

Designed around your everyday with walk-up usability, ergonomics, and mobility

EXPERIENCE

Walk-up usability

Users with ultrasound experience **require minimal training on system use to be able to complete an exam.**

Intuitive, tablet-like interface **reduces reach and button pushes.**

Ergonomics

180 degrees of articulation for the control panel and **largest** in class **21.5" (54.6 cm) monitor** allow for scanning comfort. **Library quiet.**

Easy-clip, our innovative cable management solution, keeps cables **tangle- and damage-free**, while decreasing cable strain for improved comfort while scanning.

Mobility

One of the **lightest in its class**, at just **184 pounds (83.5 kg)**, Affiniti 50 can be easily transported.

Wake the system from **sleep mode** and start scanning in just seconds.

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A smart investment

CONFIDENT THROUGHPUT

EXPERIENCE

TOTAL COST OF OWNERSHIP

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Philips Affiniti 50

Reliability, sustainability, and support services to enhance your ownership experience

TOTAL COST OF OWNERSHIP

asimpleswitch

Enhanced serviceability and durability

Affiniti 50 features a **modular design** for enhanced reliability, rapid repair, and enhanced system **uptime**.

The system is built to last for the daily rigors of high patient volume with 4,500 hours of **rigorous system testing**.

Support services*

Predictive service models such as proactive monitoring and remote desktop, etc. provide high system availability and enhanced workflow.

Service support, financing programs, and educational offerings give you peace of mind to get the most out of your system.

Energy-efficient

Affiniti 50 **consumes less energy than a toaster and may help you save on** energy and cooling costs.

It consumes nearly 60% less energy than its predecessor.

*Not all services available in all geographies; contact your Philips representative for more information.

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It understands your everyday.

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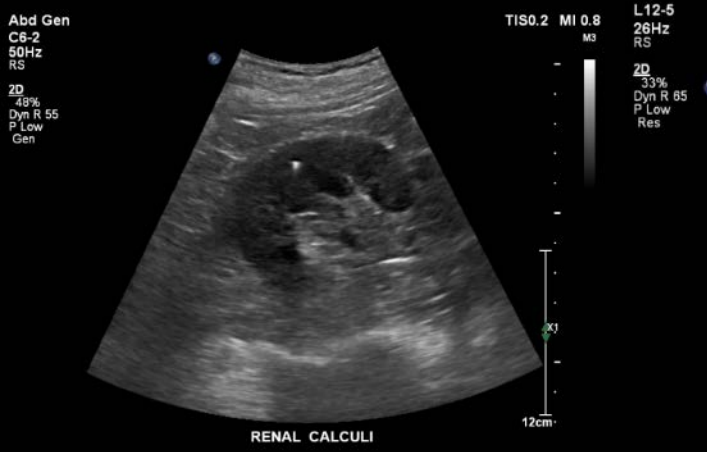
Abdominal



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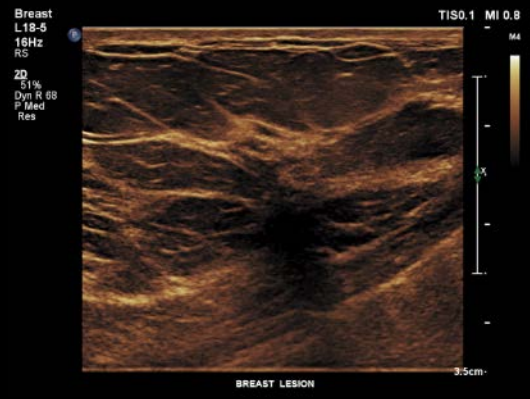
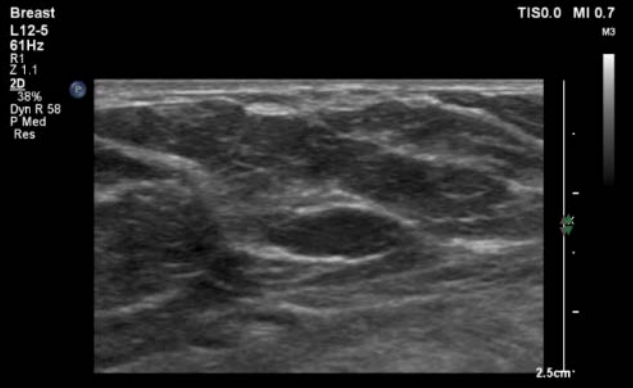
Breast

BREAST LESION

BREAST





FIBROADENOMA

PANORAMIC BREAST IMAGING

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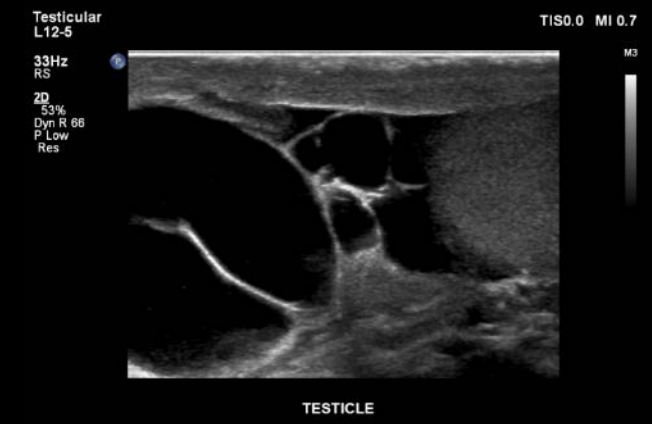
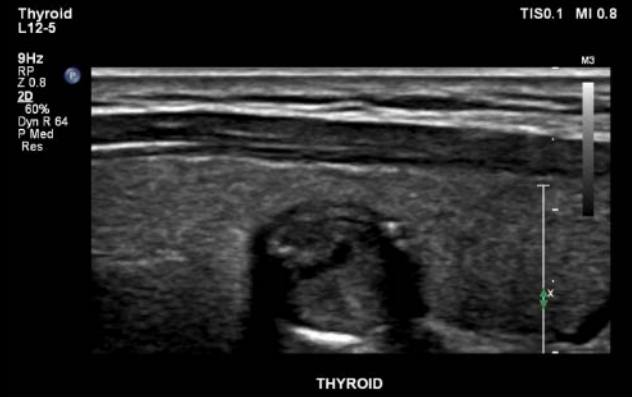
Small Parts

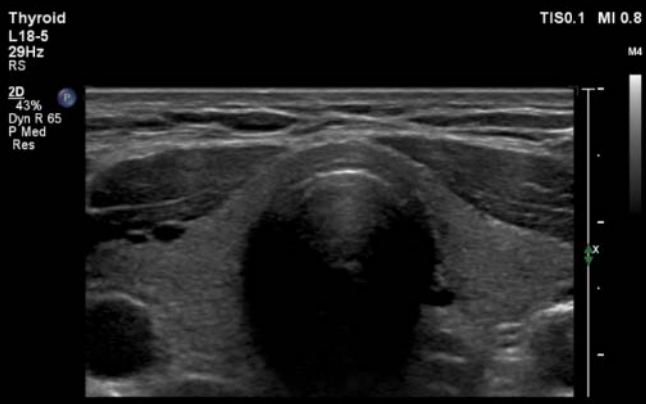


TESTICLE

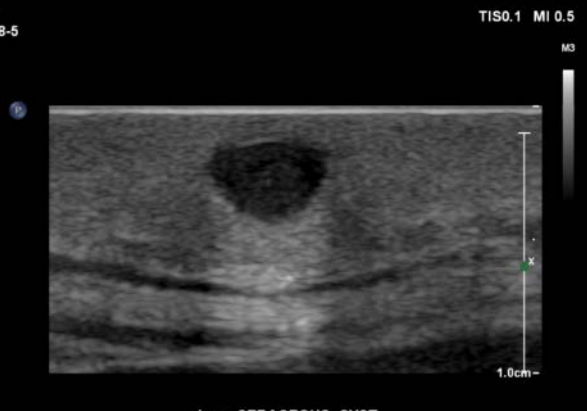
THYROID



THYROID



THYROID



4mm SEBACEOUS CYST

TESTICLE

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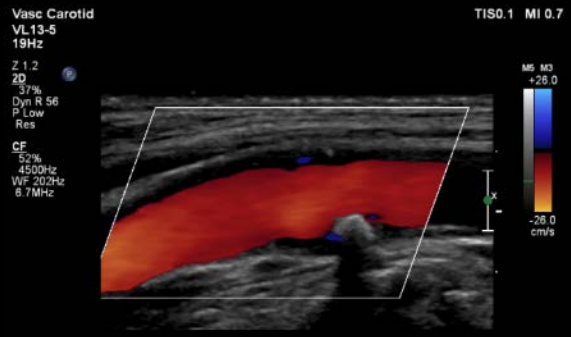
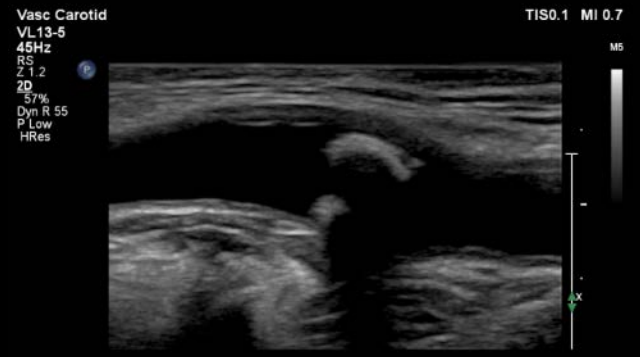
Vascular

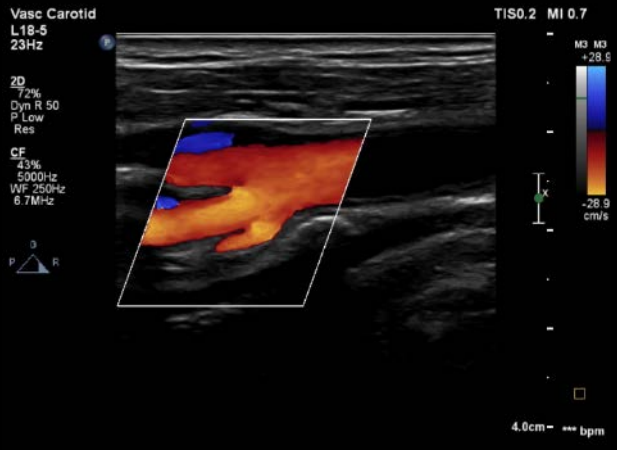
CAROTID VOLUME MULTIPLANAR RECONSTRUCTION



CAROTID ARTERY PLAQUE



CAROTID ARTERY PLAQUE



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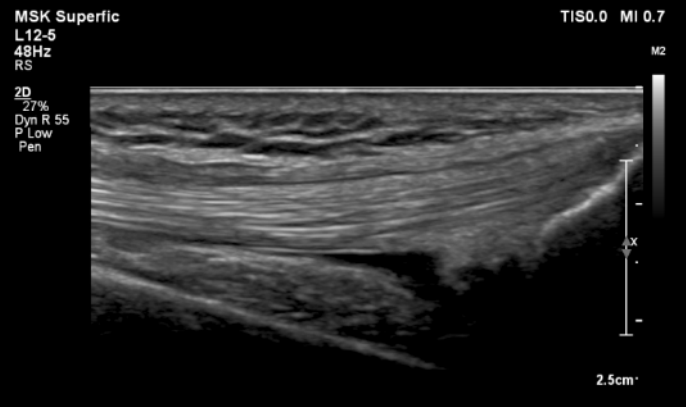
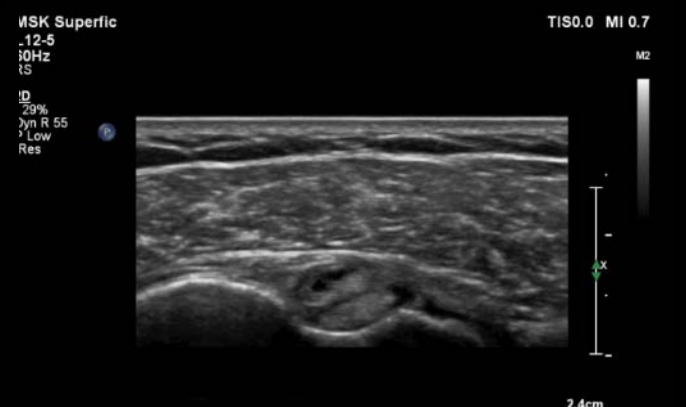
Musculoskeletal



BICEPS TENDON

ACHILLES TENDON



BIFID BICEPS TENDON

WRIST TENDON

SUPERFICIAL FINGER

SUPERFICIAL FINGER

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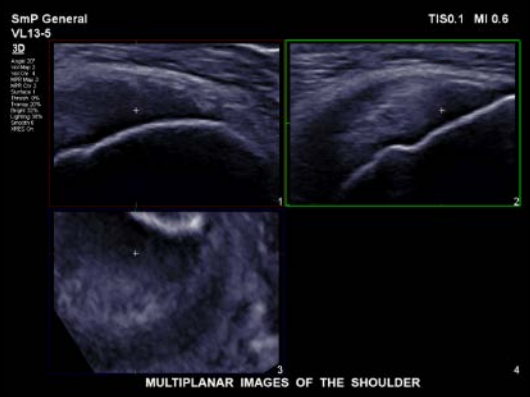
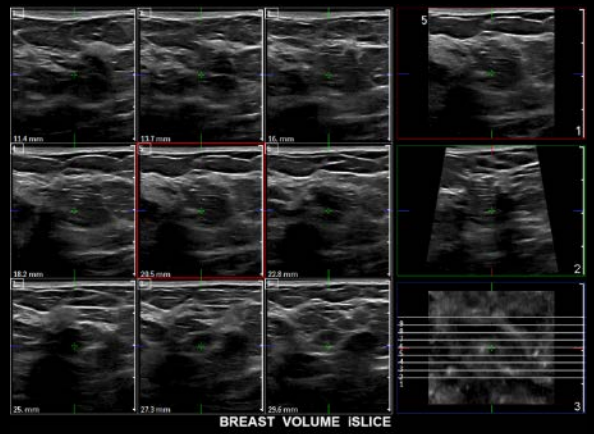
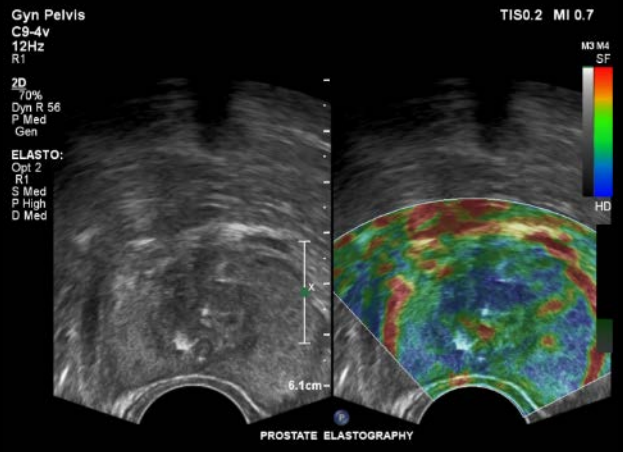
Advanced Features







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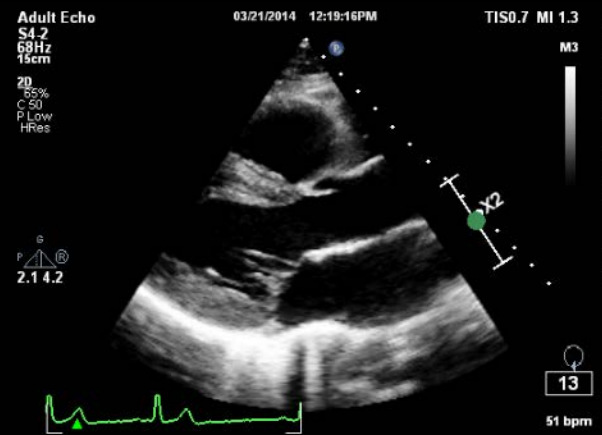
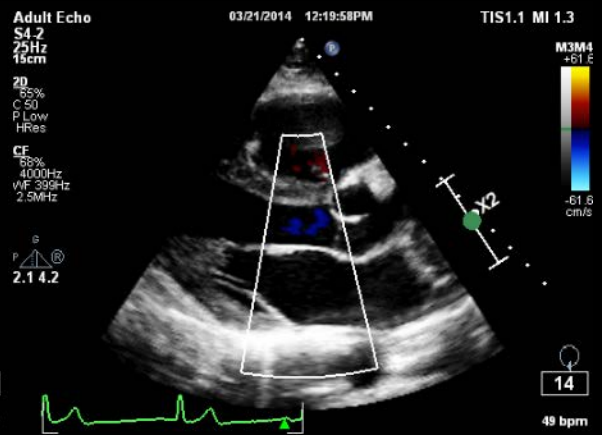
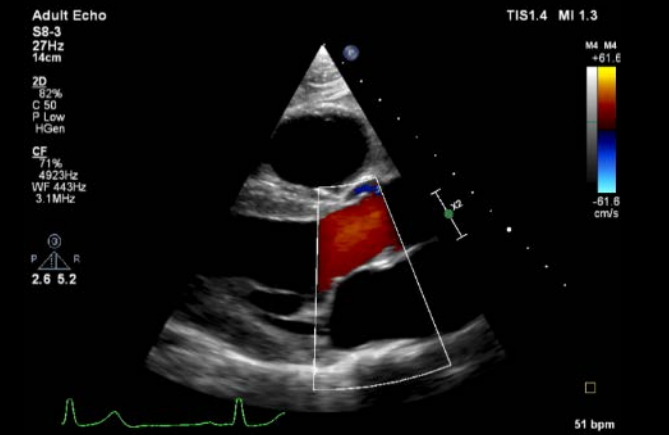
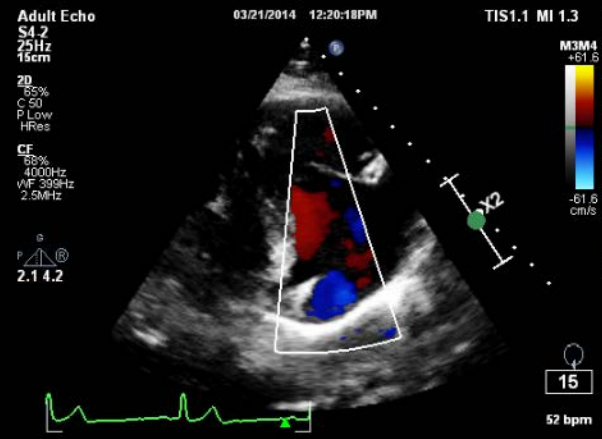
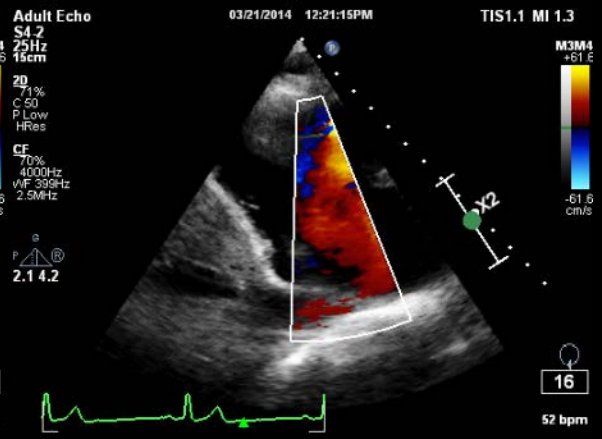
Cardiac

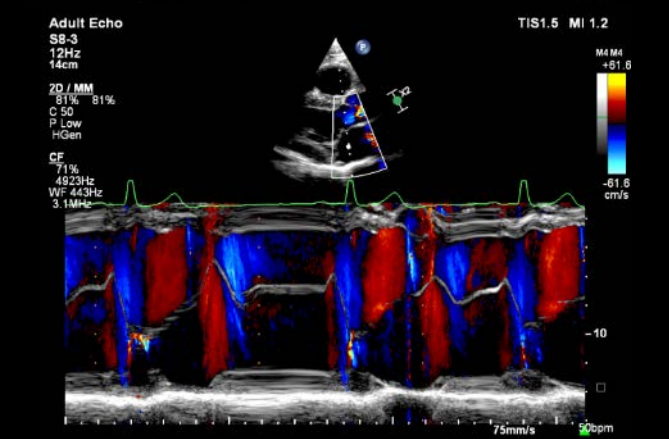












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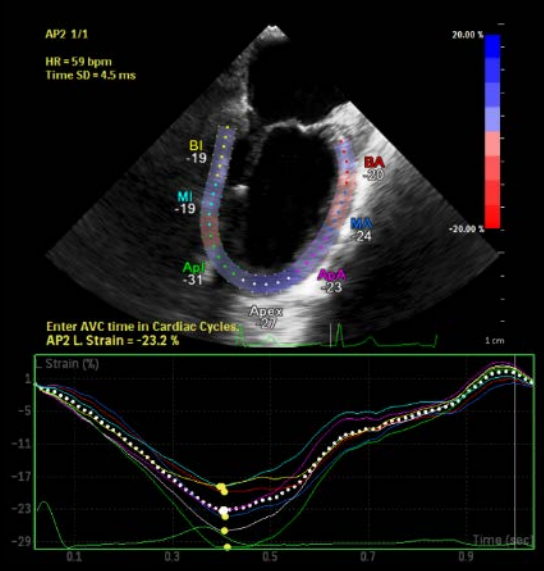
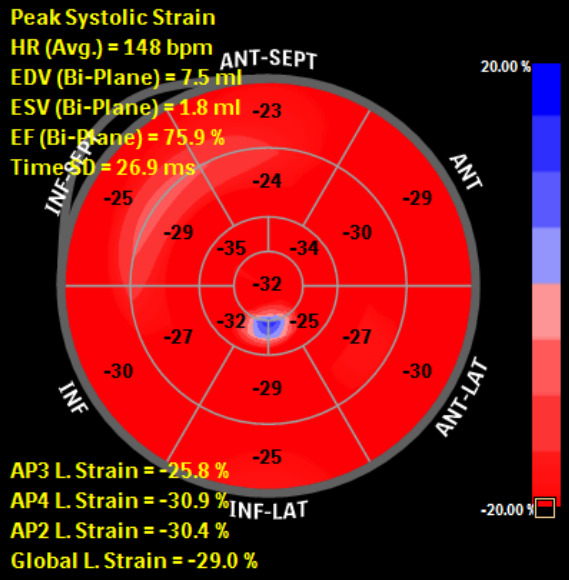
Advanced Features

Quantification





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