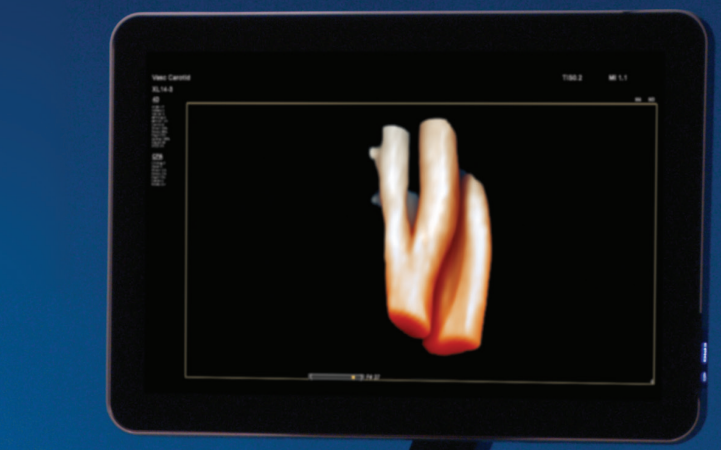
PHILIPS

Ultrasound



Elevated performance with next-generation ultrasound

Philips EPIQ Elite premium ultrasound for general imaging

Expect the exceptional

Philips EPIQ Elite premium ultrasound features powerful ***n***SIGHT Imaging architecture with the latest advancements in image processing and transducer technology.

Meet your most demanding challenges

With EPIQ Elite, an exceptional level of clinical performance, workflow ease and advanced intelligence come together like never before to meet the challenges of today's most demanding practices.

Designed for more

Offering ultimate solutions across applications, EPIQ Elite has clinically tailored tools designed to elevate diagnostic confidence to new levels.

Premium ultrasound must keep advancing

Healthcare organizations are continually being challenged to provide a higher quality of care cost-effectively. Premium ultrasound today demands improved clinical information from each scan, faster and more consistent exams that are easier to perform, and a higher level of confidence, even for technically difficult patients. The goal is quick and accurate diagnosis the first time and in less time.

Our most powerful architecture

nSIGHT Imaging far surpasses conventional ultrasound performance to reach new levels of definition and clarity.

Incorporating a custom multi-stage precision beamformer along with massive parallel processing, this proprietary architecture captures an enormous amount of acoustic data from each transmit operation and performs digital beam reconstruction along with mathematically optimized focal processing. This creates extraordinary real-time images with exceptional frame rate, uniformity and penetration.

Frame rate

Conventional

Users must choose between frame rate and image quality.

nSIGHT Imaging

More than doubles the frame rate without impact to image quality. Creates focused images with fewer transmit operations so you can experience both highly detailed ultrasound images and extraordinary temporal resolution.

Uniformity

Conventional

Best resolution is limited to transmit focal zone.

nSIGHT Imaging

Corrects focus during beam reconstruction for superb uniformity. Achieves uniformity through coherent beam reconstruction algorithms that apply mathematical focal correction coefficients continually at all depths of the image.

Penetration

Conventional

Penetration limitations and poor sensitivity to weak signals.

nSIGHT Imaging

Superb penetration across full range of frequencies. Reinforces weak tissue signals with the ultra-wide dynamic range and unique beam reconstruction of the architecture, allowing enhanced penetration at higher frequencies, even on difficult patients.

Amazing processing power – **7.5X more** data throughput than software-only based beamforming

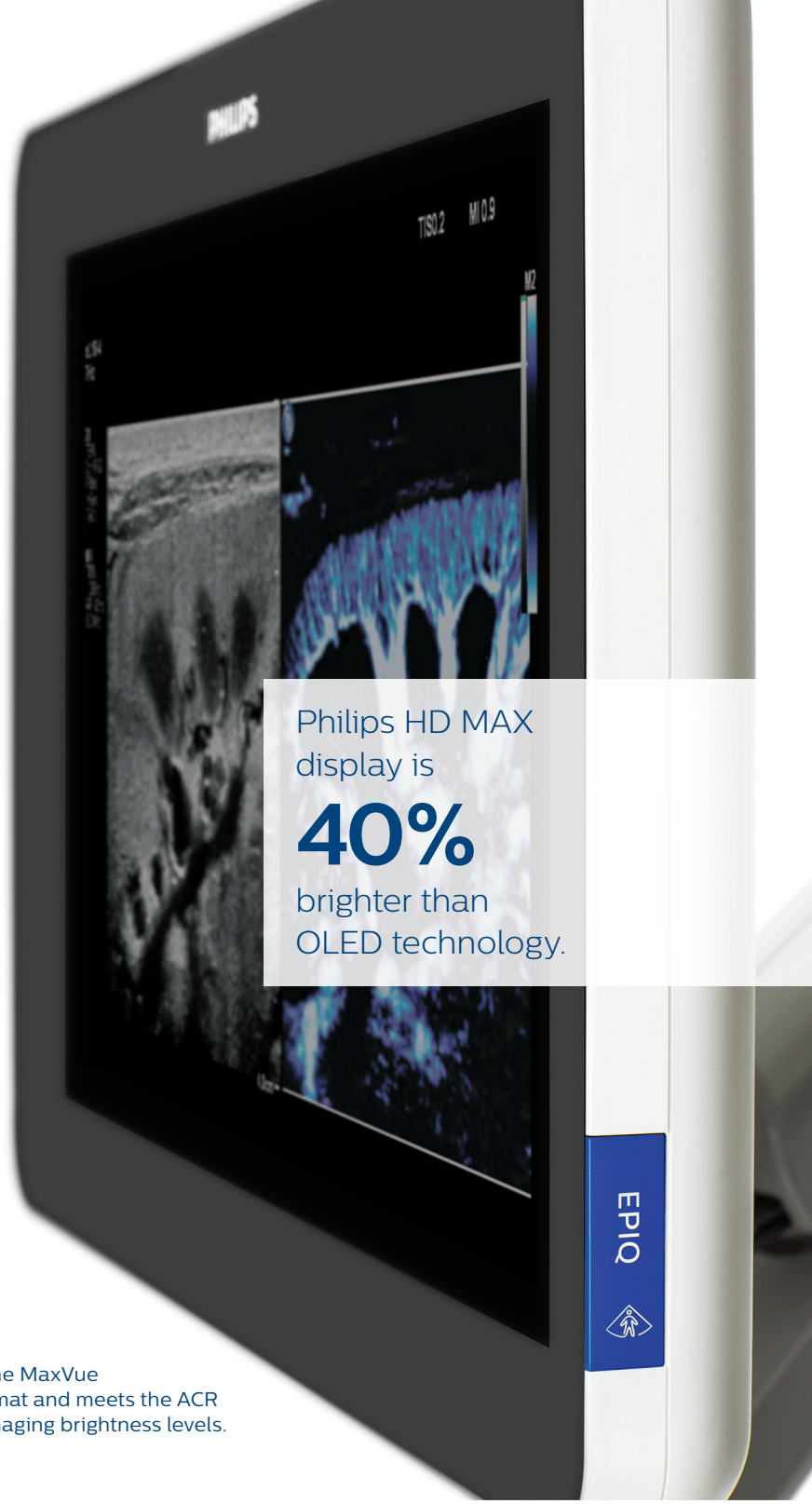
EPIQ Elite ultrasound is uniquely designed to process acoustic data at stunning rates. ***n***SIGHT Imaging touches all aspects of acoustic acquisition and image processing, allowing you to truly experience ultrasound's evolution to a more definitive modality. The EPIQ Elite advanced multi-core CPU architecture, now with a GPU addition, processes a stunning 15 DVDs/sec or 69 GB/sec while many software-only beamformer architectures struggle to process the equivalent of even 2 DVDs/sec or 9.2 GB/sec.

Visualize more accurately

Philips HD MAX display

This immersive 24" display monitor offers the ultimate ultrasound visualization experience, with an ultra-wide color gamut of 10-bit color depth that uses billions of colors for accurate color reproduction.

In addition, it provides high-contrast dynamic range and enhanced black levels for subtle delineation of grayscale values. HD MAX features superb off-angle viewing for visualization of clinical images throughout the scanning room.



Philips HD MAX display is

40%

brighter than OLED technology.

HD MAX display is designed for the MaxVue high-definition image display format and meets the ACR display standard for diagnostic imaging brightness levels.

EPIQ Elite processing power

Equivalent to processing 15 DVDs/sec

Processing power of other beamformer architectures

Equivalent to processing 2 DVDs/sec

Elevate tissue definition

EPIQ Elite ultrasound features XRES Pro, our next-generation high-resolution image processing approach that elevates tissue definition and clarity to new levels.

XRES Pro

XRES Pro offers reduction of artifacts with excellent delineation of structural anatomy.

XRES Pro is next-generation image processing

At real-time frame rates, XRES Pro uses multi-parametric precision filters that subdivide image elements, analyze this data and then apply advanced algorithms to sharpen borders and interfaces and provide superb tissue conspicuity. XRES Pro also offers enhanced assessment of plaque morphology. XRES Pro allows you full adjustability to match the level of enhancement to clinical imaging requirements for elevated diagnostic confidence with virtually all patients.

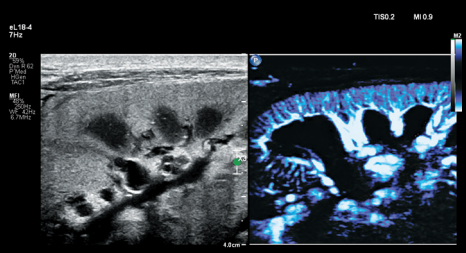
Detect, visualize and characterize

MicroFlow Imaging offers remarkable detail in assessing blood flow

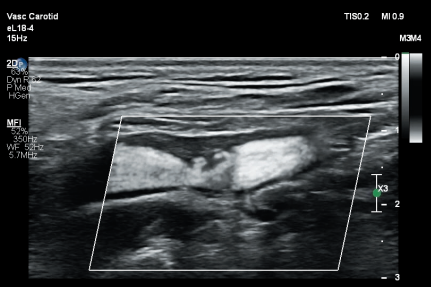
MicroFlow Imaging (MFI) is designed to detect slow and weak blood flow anatomy in tissue. This proprietary approach overcomes many of the barriers associated with conventional methods to detect small vessel blood flow with high resolution and minimal artifacts.

MFI maintains high frame rate and 2D image quality while applying advanced artifact reduction techniques to reveal small vessel anatomy.

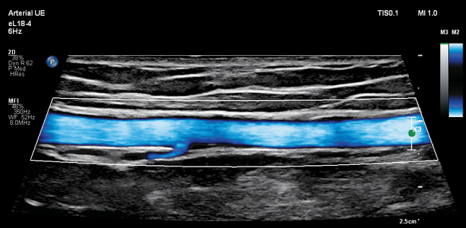
MicroFlow Imaging



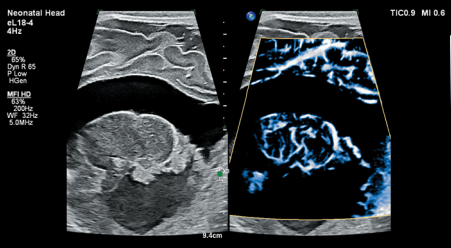
MFI demonstrates subtle flow patterns within a renal transplant



eL18-4 PureWave with MFI reveals flow detail surrounding a vulnerable plaque in the carotid artery



MFI reveals exceptional flow resolution in an upper extremity vein



MFI HD demonstrates exceptional flow sensitivity and resolution in the neonate brain

93% of users felt MFI helped detect slow blood flow and enhanced resolution of flow in vascular exams.*

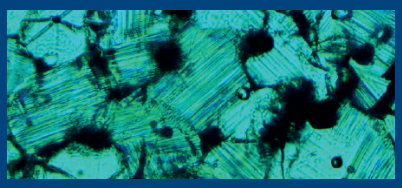
MFI HD offers **2X** the resolution and sensitivity of standard MicroFlow Imaging.**

* External user study on EPIQ Elite based on 27 respondents. Study report available upon request.
** Internal measured comparison on standard MFI to MFI HD using clinical targets and standard measurement methodology.

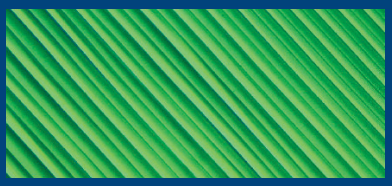
Simplify the difficult

The power of PureWave for exceptional imaging even on technically difficult patients

PureWave crystal technology represents the biggest breakthrough in piezoelectric transducer material in 40 years. The pure, uniform crystals of PureWave have virtually perfect uniformity for greater bandwidth and twice the efficiency of conventional ceramic materials.

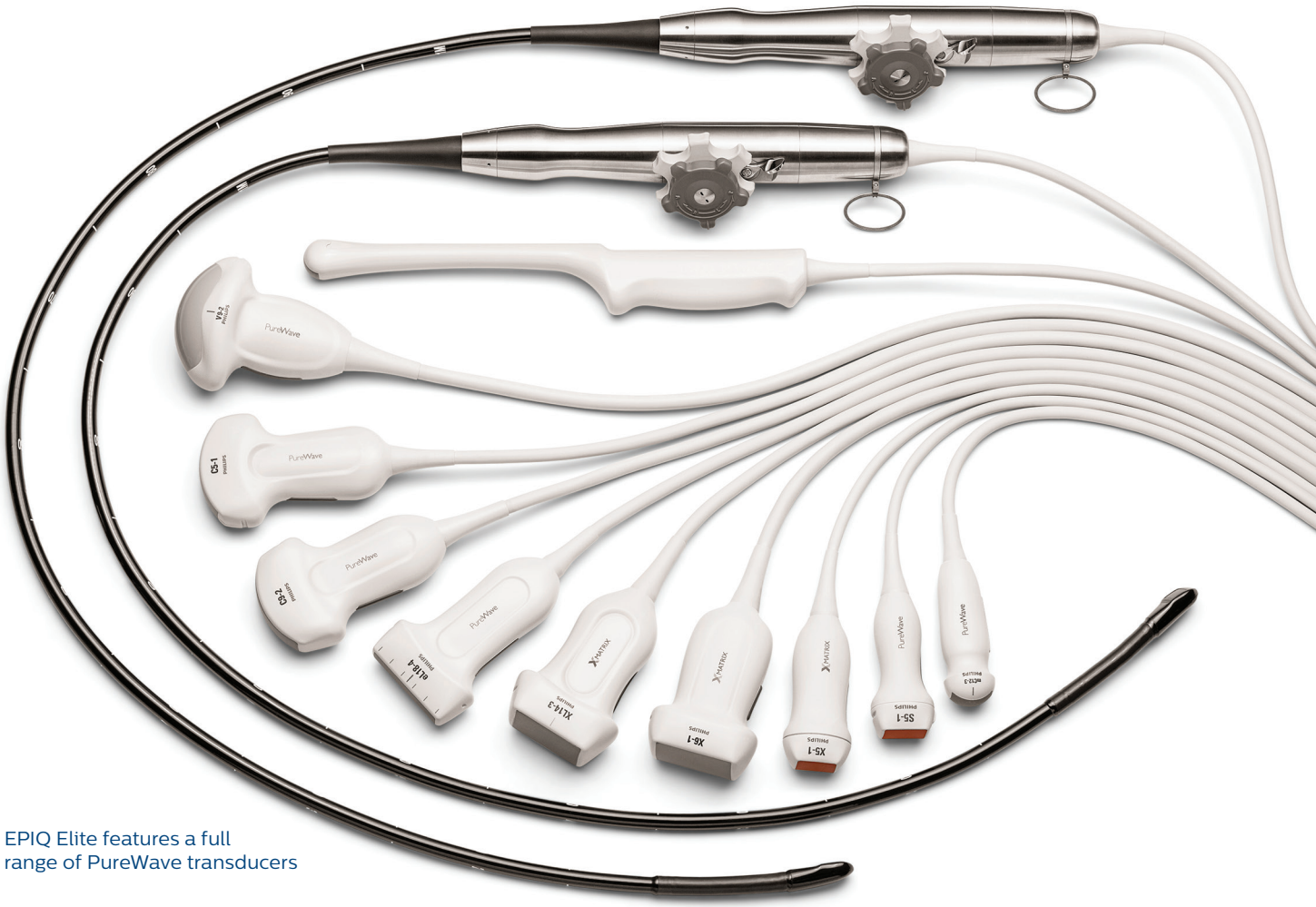


Conventional PZT (x800)



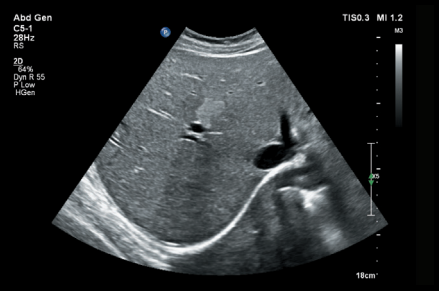
PureWave crystal (x800)

PureWave crystal technology is 85% more efficient than conventional piezoelectric material, resulting in exceptional clinical performance.[1] This technology allows for improved penetration in difficult patients with a single transducer while maintaining excellent detail resolution, superb Doppler sensitivity and exceptional shear wave elastography performance.

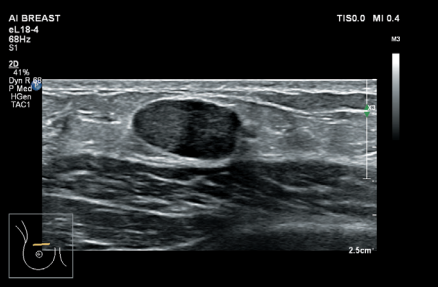


EPIQ Elite features a full range of PureWave transducers

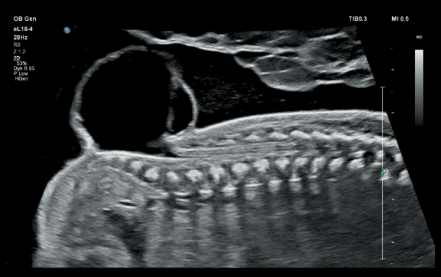
Excellent detail resolution with PureWave



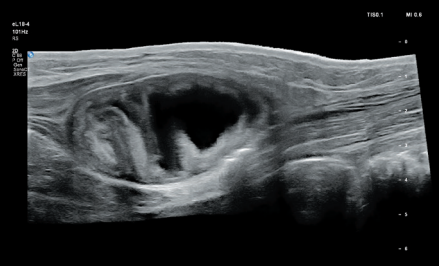
Exceptional penetration and uniformity of liver with C5-1 PureWave transducer



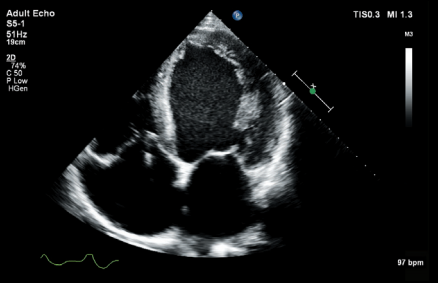
Integrated EM tracking and AI Breast feature with eL18-4 transducer



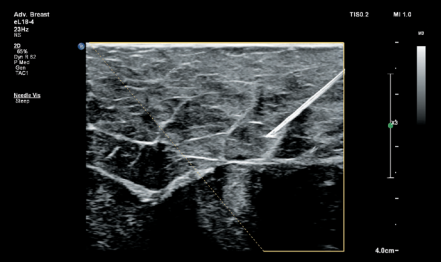
Exceptional visualization of fetal anatomy with eL18-4 transducer



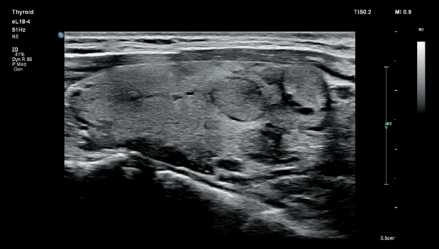
Panoramic imaging demonstrating herniated bowel with eL18-4 transducer



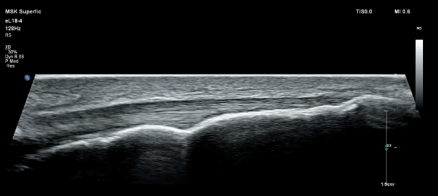
Superb penetration and clarity for cardiac imaging with S5-1 transducer



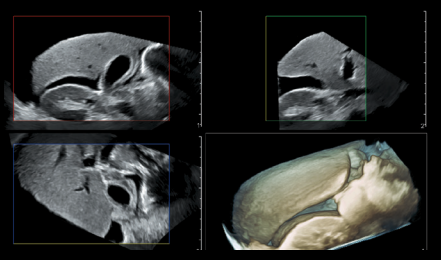
Needle visualization feature of eL18-4 transducer



Outstanding detail and contrast resolution with thyroid imaging with eL18-4 transducer

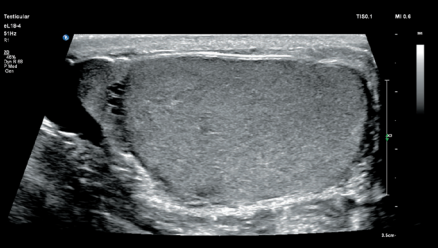


Superb near-field imaging of patellar tendon using trapezoid imaging with eL18-4 transducer

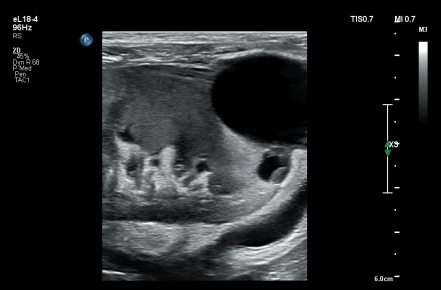


3D liver imaging with X6-1 xMATRIX transducer with PureWave technology

Exceptional detail of renal structures with C9-2 transducer



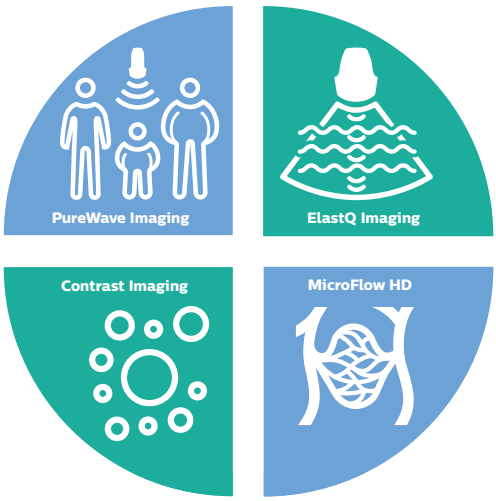
Testicular imaging with eL18-4 transducer with trapezoid mode



Outstanding detail of renal anatomy with cystic lesion with eL18-4 transducer

The ultimate ultrasound solution for pediatric assessment

The Philips ultimate ultrasound solution for pediatric assessment is customized to provide quick and confident, yet gentle imaging tailored to the specific needs of children, elevating their care as never before.



PureWave transducers optimized for pediatrics

Pediatric patients come in all shapes and sizes. From the tiniest premature neonate to adult-sized pediatric patients, Philips offers a complete imaging solution to elevate diagnostic confidence on even the most challenging cases.

The Philips mC12-3 PureWave transducer has been shown to provide an additional **30% improvement** in penetration when compared to the previous generation of pediatric transducers.*

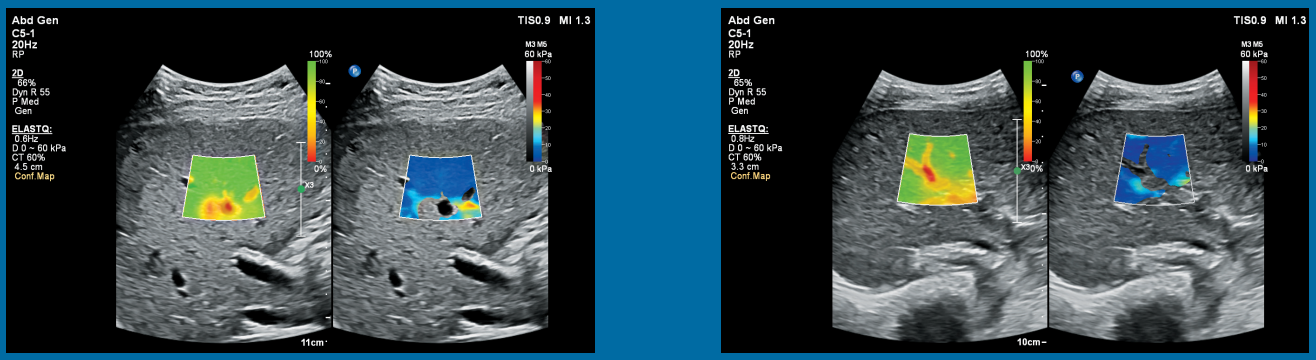
The world's first family of premium PureWave transducers optimized for pediatric imaging includes the mC12-3.

* Internal measured comparison on calibrated tissue phantom between the mC12-3 and C8-5 transducers on EPIQ Elite ultrasound system.

Elevate pediatric care

Diagnose and stage liver fibrosis

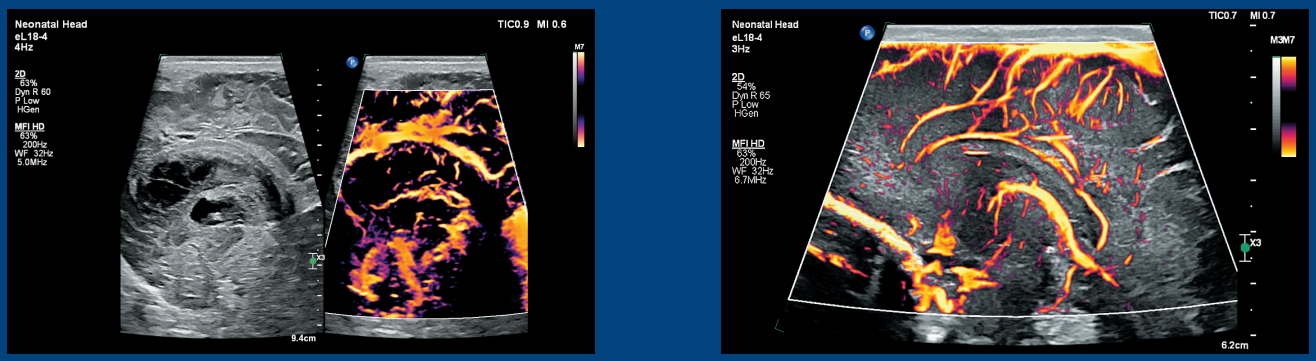
ElastQ Imaging is a clinical tool that provides a real-time large field-of-view assessment of tissue stiffness, which is ideal for the pediatric patient who may be challenging to image.



ElastQ Imaging shear wave elastography for pediatric liver assessment

Gain new insights into small vessels

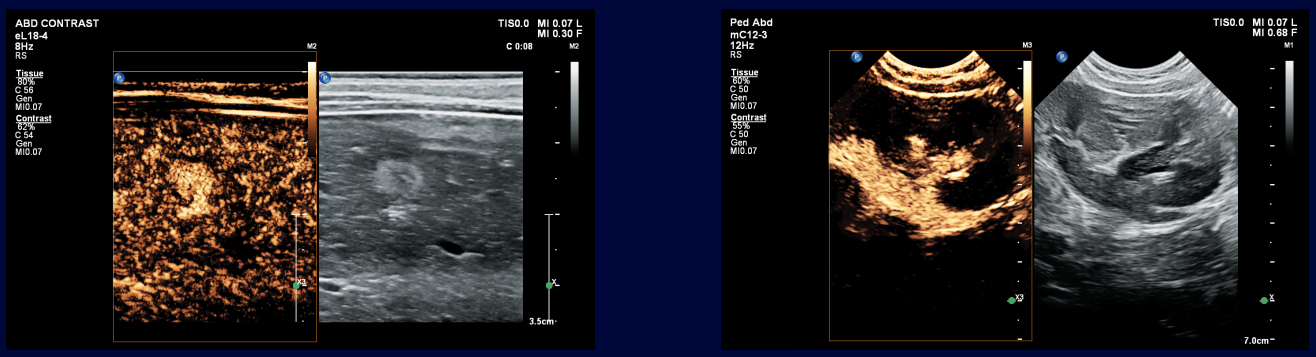
MFI HD is ideal for definitive analysis of blood flow throughout many pediatric clinical applications.



Neonatal brain using the eL18-4 linear array transducer and MFI HD

Contrast enhancement for pediatric applications

Ultrasound contrast agents are transforming the role of pediatric ultrasound in the liver and other organs. With pediatric contrast-enhanced ultrasound (CEUS), clinicians can now study enhancement patterns of suspicious liver lesions in real time for faster and more confident diagnoses and treatment planning.



CEUS of liver lesion using the eL18-4 transducer

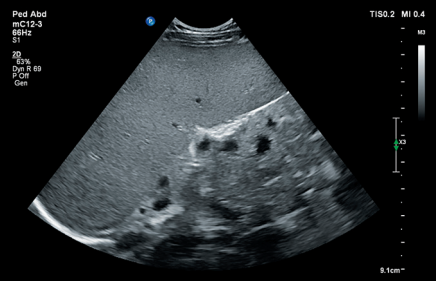
mC12-3 contrast VCUG of left kidney showing Grade III reflux

Optimized
for pediatric imaging

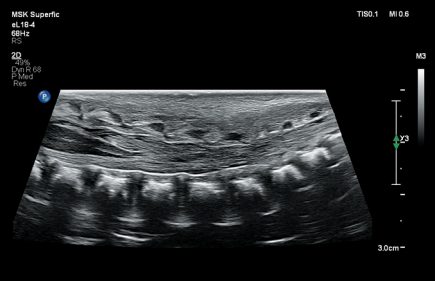
Neonatal brain hemorrhage with eL18-4 transducer

Pediatric liver ascites with mC12-3 transducer

Abdominal bowel with eL18-4 transducer



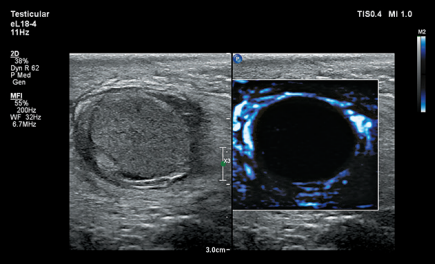
Splenomegaly with mC12-3 transducer



Neonatal spine with eL18-4 transducer

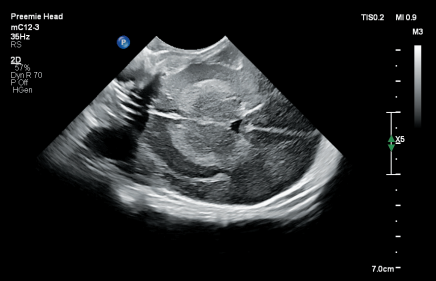
Coronal posterior lateral ventricles with eL18-4 transducer

Neonatal head with eL18-4 transducer

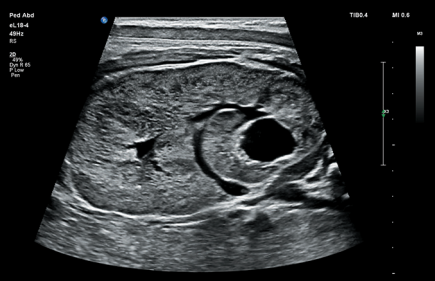


Left testicle MFI with eL18-4 transducer

Preemie head with mC12-3 transducer



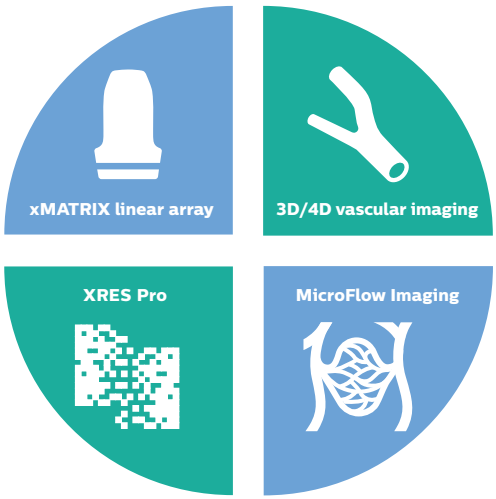
Preemie head with mC12-3 transducer



Right kidney with eL18-4 transducer

Neonatal head with eL18-4 transducer

Multi-dimensional focusing

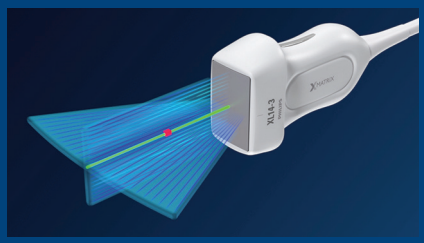


The ultimate ultrasound solution for vascular assessment.

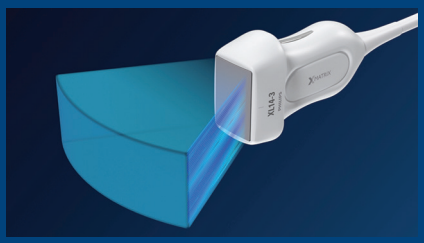
xMATRIX transducers are innovative, powerful and versatile

No other premium ultrasound solution can run xMATRIX, the comprehensive suite of the world's most innovative ultrasound transducers. Achieve ultra-thin 2D slices. Use Live xPlane imaging to create two full-resolution planes simultaneously, allowing you to capture twice as much clinical information in the same amount of time. Acquire near-isovoxel resolution to reveal images from any plane within the volume.

XL14-3 thin slice imaging



XL14-3 Live xPlane Doppler imaging



XL14-3 3D/4D imaging

Live xPlane saves valuable time

Live xPlane imaging eliminates the need to rotate the transducer to acquire orthogonal views. A simple move of the trackball provides complete anatomical documentation, reducing exam time. The Live xPlane pulsed Doppler feature enhances sample volume placement, allowing greater reproducibility and consistency when sampling significant stenosis.

New insights with 3D/4D

Electronic 3D/4D volume acquisition of vascular anatomy provides new insight into plaque spatial location and composition. Visualize vessel casts using 3D flow data for direct assessment of stenotic or tortuous conditions. Now 3D/4D visualization can provide an ideal communication tool to facilitate clinical decisions and enhance patient consultation.

Ultra-thin slice imaging

96% of users surveyed preferred to use XL14-3 transducer to assess vulnerable plaque.*

70% of users believe that using Live xPlane imaging could reduce carotid exam time by 20%.*

93% of users feel that Live xPlane Doppler could reduce sample volume placement errors and provide greater reproducibility and consistency.*

78% of users believe that visualizing vessel cast using 3D/4D flow data will assist in providing direct assessment of stenotic or torturous conditions.*

* External user study on EPIQ Elite based on 27 respondents. Study report available upon request.

The leading edge in 3D/4D

100% of users believe they will integrate 3D/4D ultrasound visualization into their vascular exams based on icon-driven workflow.*

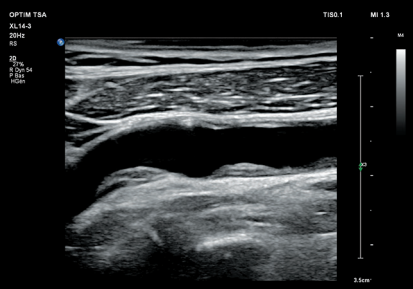
With the XL14-3 transducer, intuitive icon-driven workflow simplifies 3D/4D

The EPIQ Elite proprietary icon-driven 3D/4D workflow simplifies the examination and allows you to experience a new dimension in vascular imaging. Instantly select rendered options with a single touch of an AutoVue icon. The TouchVue interface allows finger manipulation of the volume from the touchscreen. Now 3D/4D vascular information can be easily added to the vascular exam, eliminating the need for complex conventional user interfaces.

What used to take **10** steps with a conventional interface now takes **just 1**

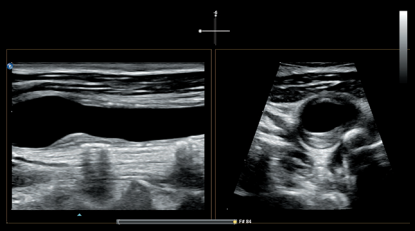
*External user study on EPIQ Elite based on 27 respondents. Study report available upon request.

The XL14-3 transducer brings a new dimension

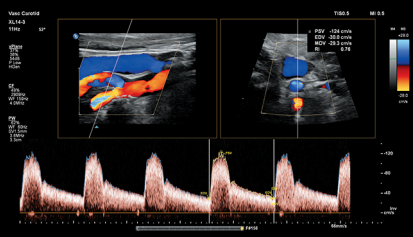


Exceptional detail of carotid plaque with XL14-3 transducer multi-dimensional focusing

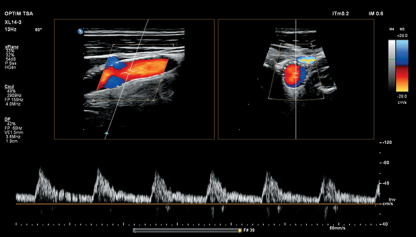
High-definition zoom of intimal wall detail with XL14-3 xMATRIX transducer array



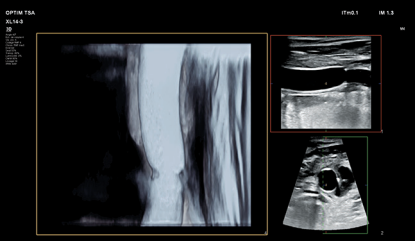
Simultaneous Live xPlane imaging of carotid plaque in orthogonal planes



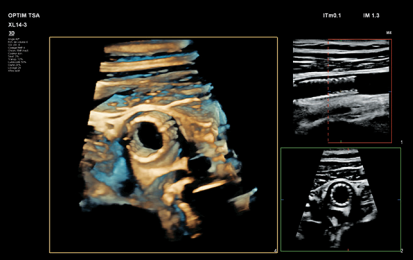
Live xPlane color Doppler easily documents flow in two planes simultaneously



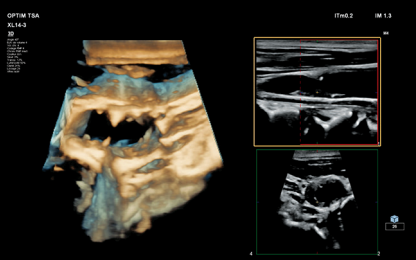
Accurate placement of Doppler sample volume in a stent using two image planes for reference



3D invert of carotid stenosis



3D image of deployed stent



3D transverse view of carotid bifurcation plaques

3D vessel cast of carotid stenosis

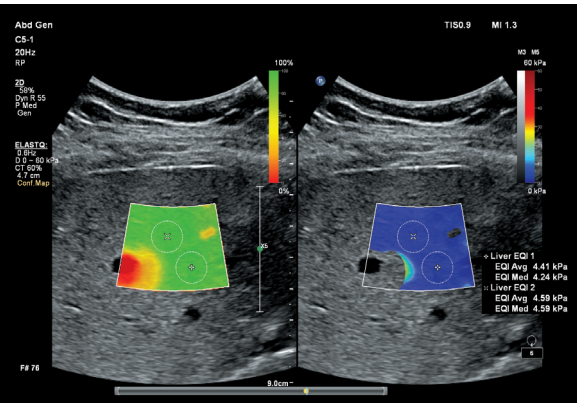
Reveal more, definitively

Uniquely designed for elastography, offering more definitive information on tissue stiffness

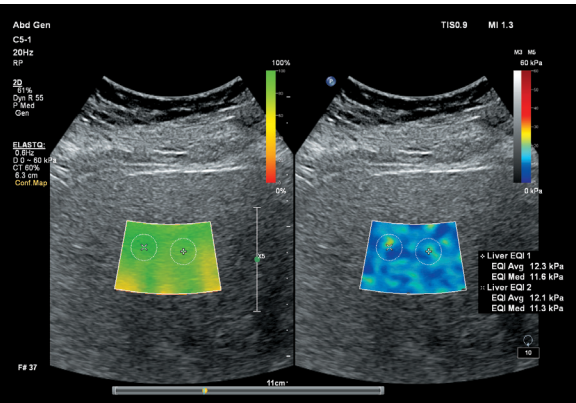
The EPIQ Elite platform supports both strain and shear wave imaging methods of elastography.

Highly sensitive strain imaging can be used to rapidly assess relative tissue stiffness values across a variety of applications.

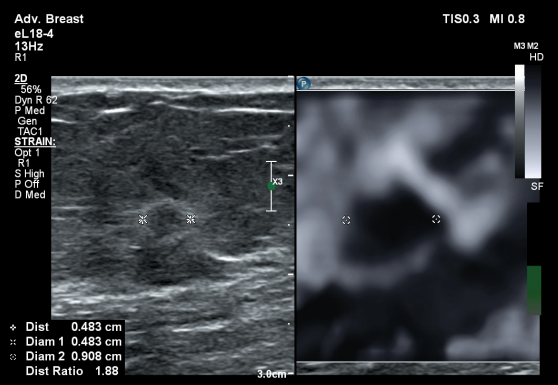
ElastQ Imaging methods of shear wave elastography use a unique pulsing scheme to generate and detect the propagation speed of shear waves, providing a quantitative display and measurement of tissue stiffness. ElastQ Imaging also provides a confidence map display to assist you in obtaining measurements from areas with the highest shear wave quality.



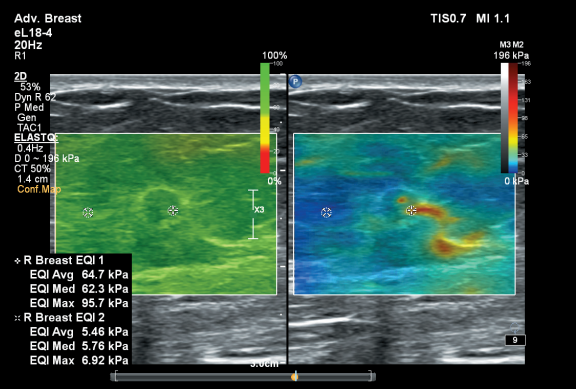
ElastQ Imaging of normal liver showing quantitative measurement of tissue stiffness



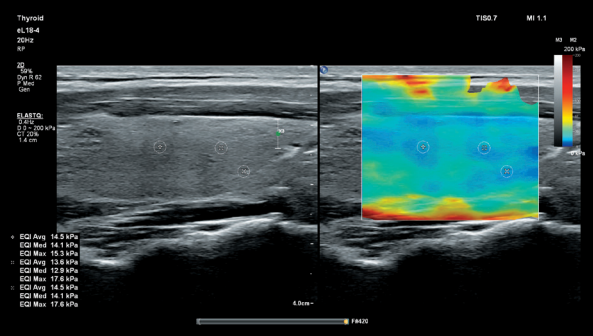
ElastQ Imaging of fibrotic liver shows pattern alteration and elevated tissue stiffness values



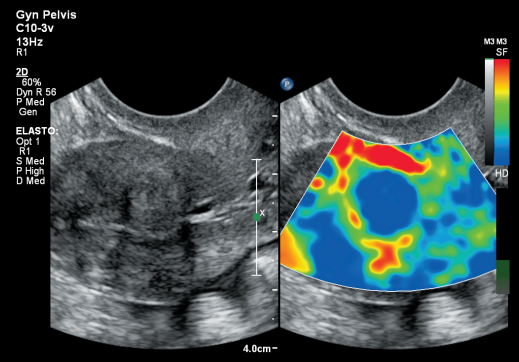
Strain elastography of breast cancer shows elevated diameter ratio when compared to 2D image



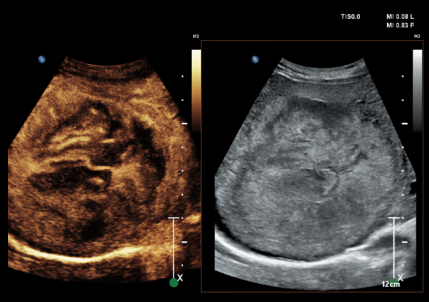
ElastQ Imaging of breast cancer demonstrates elevated stiffness at lesion spiculation



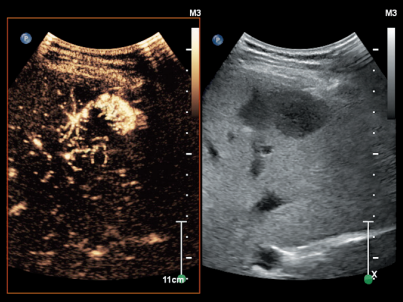
ElastQ Imaging in the thyroid with quantitative tissue stiffness analysis



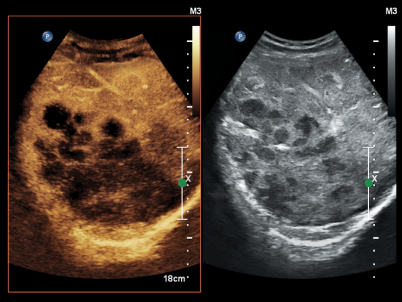
Strain elastography demonstrating increased stiffness of an intrauterine fibroadenoma



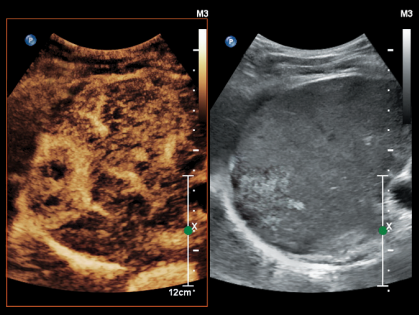
CEUS of the liver showing subtle micro-circulation in an HCC lesion



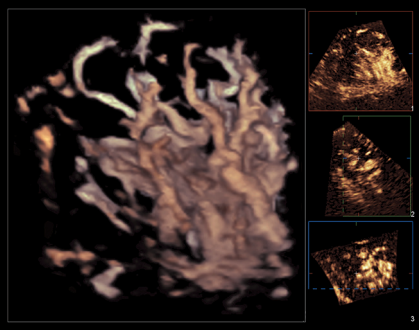
Side-by-side imaging of the liver using CEUS shows superficial FNH lesions



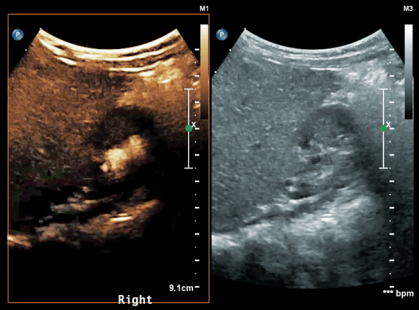
CEUS of the liver demonstrating diffuse metastatic lesions



Side-by-side CEUS of liver demonstrating wash-in of HCC lesion



3D CEUS using the X6-1 xMATRIX array demonstrates elevated visualization of intra-lesion vascular anatomy of an HCC



Pediatric VCUG using contrast-enhanced ultrasound demonstrates Grade 2 reflux abnormality in the kidney

Gain insight with CEUS

Contrast-enhanced ultrasound offers elevated insight into liver microcirculation and vesicoureteral reflux

Ultrasound contrast agents can transform the role of ultrasound in liver imaging, allowing you to study enhancement patterns of suspicious liver lesions in real time for faster and more confident diagnoses.

Pediatric contrast-enhanced ultrasound (CEUS) for the assessment of vesicoureteral reflux has provided clinicians an alternative non-ionizing approach as compared to traditional techniques. With EPIQ Elite, CEUS is seamlessly integrated into the standard workflow. Additionally, with advanced technologies at your fingertips – such as 3D/4D, MaxVue HD display, fusion imaging and Q-App quantification – EPIQ Elite delivers exceptional confidence for even the most challenging exams.

Detect as early as possible

Advanced fetal imaging with exceptional visualization

Deeper levels of definition and clarity enable you to make early, evidence-based decisions during the critical first and second trimester – even in the most technically challenging cases.

Real life, illuminated

TrueVue photorealistic 3D imaging with a virtual light source provides amazing visualization of fetal surface anatomy to enhance diagnostic confidence and promote maternal-fetal bonding. Now TrueVue Pro offers an enhanced patient and user experience by introducing more functionality to the user with the ability to pinch zoom, touch sculpt and touch erase, and with improved transition times between 3D acquisitions. Other advanced tools such as TouchVue, aBiometry Assist[A.I.]* and aReveal[A.I.] further enhance the workflow experience. FlexVue with Orthogonal View simultaneously displays the entire structure in two views – making even curved anatomical structures easy to evaluate.

Ergonomically advanced

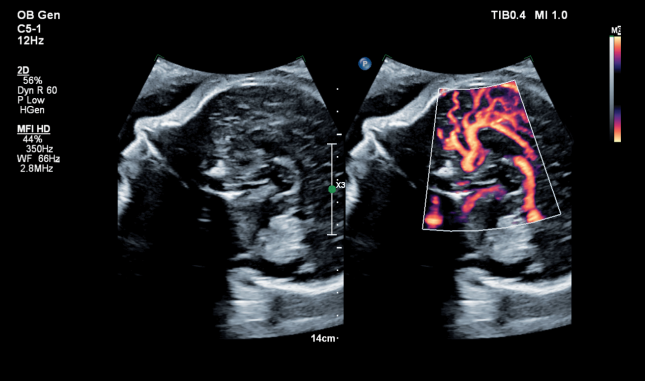
The V9-2 transducer is the lightest of its kind and provides exceptional fetal imaging.

* A.I. refers to Anatomical Intelligence.

Superb visualization of 3D fetal face, hand and cord with V9-2 transducer and TrueVue Pro rendering

Excellent detail of fetal renal anatomy with V9-2 transducer

FlexVue with Orthogonal View demonstrating curved MPR reconstruction of fetal spine anatomy



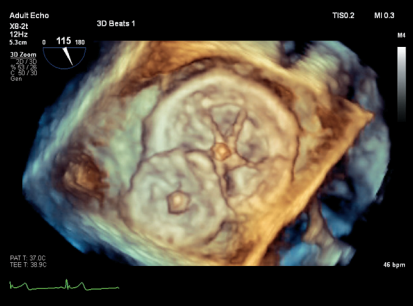
MicroFlow Imaging HD is a proprietary mode designed to detect low volume and low velocity blood flow in fetal, placental, uterine and ovarian vasculature

Assess completely

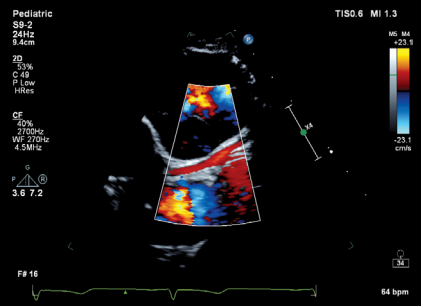
Cardiac imaging with exceptional structural and functional assessment

EPIQ Elite supports a full range of cardiac imaging, including adult and pediatric applications. Philips offers a wide range of 2D and 3D transthoracic and transesophageal diagnostic transducers to meet your echo needs across your patient population, from fetal to adult congenital.

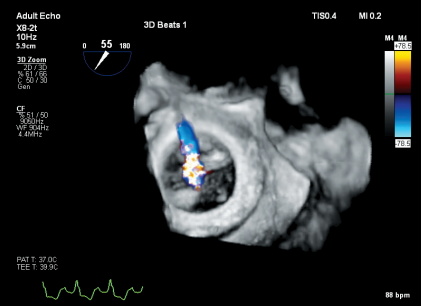
Advanced xMATRIX transducers provide a complete 2D and Live 3D assessment of cardiac structures and enable our most advanced quantification tools for echocardiography. Depth of imaging capability combined with streamlined cardiac workflow reduces the steps and time needed for these especially challenging exams.



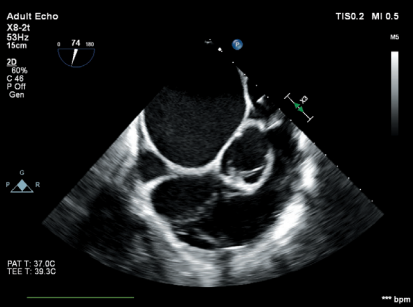
Visualization of multiple Watchman devices closing left atrial appendage with X8-2t Live 3D TEE transducer



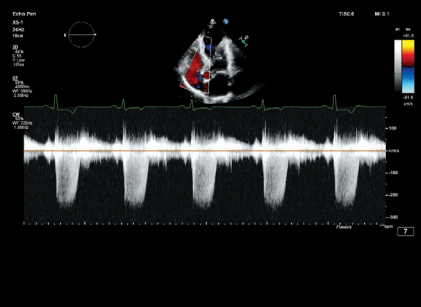
Superb detail of pediatric coronary artery with S9-2 PureWave sector transducer array with highly sensitive color Doppler



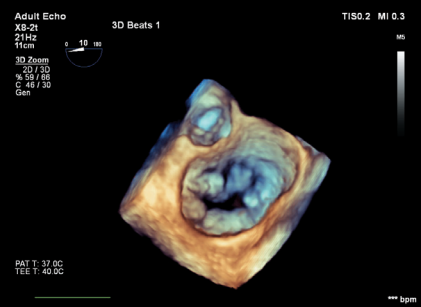
Live 3D color Doppler image demonstrating regurgitant blood flow with a mitral valve replacement device



Excellent 2D visualization of normal right-side anatomy with X8-2t transesophageal transducer



Waveform characteristic of tricuspid regurgitation demonstrated by X5-1 xMATRIX transducer with CW Doppler



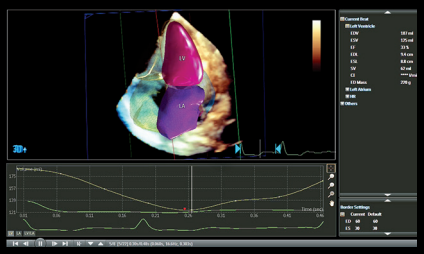
Visualization of Barlow's mitral valve prolapse with X8-2t Live 3D TEE transducer

Put intelligence to work for you

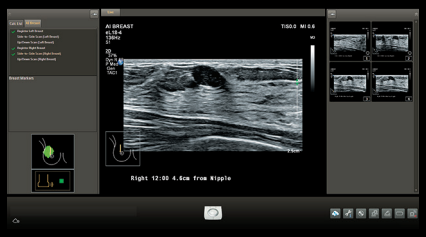
AIUS leverages machine intelligence for faster, more reproducible analysis

At the heart of the powerful EPIQ Elite architecture is our Philips exclusive Anatomical Intelligence for Ultrasound (AIUS), designed to elevate the ultrasound system from a passive to an actively adaptive device. With advanced organ modeling, image slicing and proven quantification, exams are easy to perform and more reproducible, and deliver new levels of clinical information.

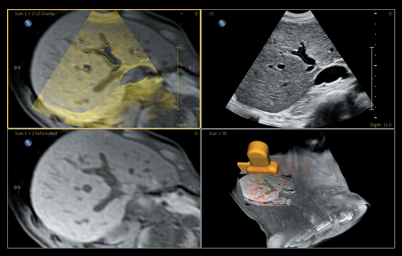
AIUS capabilities range from automating repetitive steps to full computer-driven analysis of raw data with minimal user interaction. AIUS can provide advanced screening documentation and assisted measurements, as well as organ and structure detection for automatic registration and advanced quantification.



AIUS Dynamic HeartModel automated 3D quantification resulted in a time savings of 83% compared to conventional measurement methods



Anatomical Intelligence for Breast (AI Breast) allows a full diagnostic study while enhancing the workflow for breast screening exams



AIUS AutoRegistration for image fusion resulted in a time savings of 93% compared to conventional manual registration methods

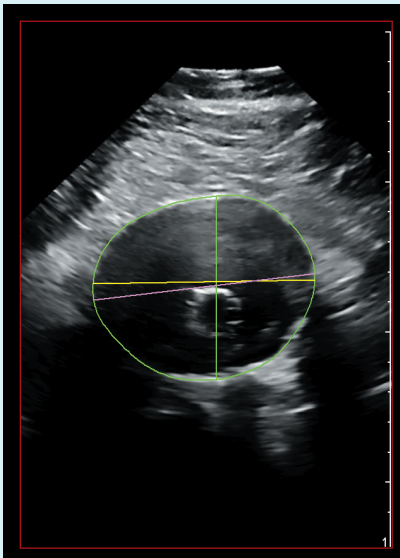
Advancing the standard of care for AAA

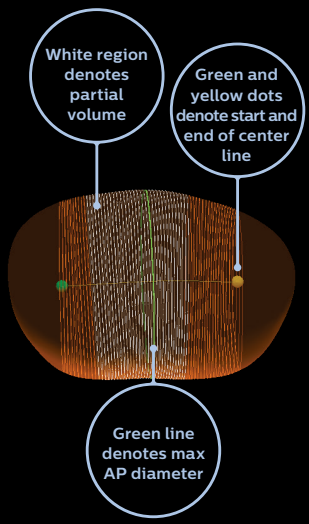
Philips Abdominal Aortic Aneurysm Model

Abdominal aortic aneurysms (AAAs) cause more than 175,000 deaths globally every year, with an 80% mortality rate if ruptured.[2] Routine surveillance is important, yet imaging modalities in the current standard of care are associated with significant drawbacks, such as inter-operator variability (2D ultrasound) or exposure to radiation and nephrotoxic contrast agents (CTA).

Philips AAA Model is a software application designed to detect, segment and quantify 3D ultrasound data for use in surveillance of native and post-endovascular aneurysm repair (EVAR) AAAs.

For surveillance of a native AAA by measuring the maximum anterior-to-posterior (AP) diameter of the aneurysm, it has been shown that a 3D ultrasound exam can be used with inter-operator reproducibility superior to that of a 2D ultrasound exam.[3]





Philips AAA Model provides key measurements, including the maximum AP diameter and partial volume of the aneurysm, while also indicating the centerline of the aneurysm

Reach clinical decisions quickly

Image fusion and navigation with easy-to-use modality fusion and interventional guidance

Make confident decisions, even in challenging diagnostic cases, with fully integrated fusion capabilities that feature streamlined workflows to allow you to achieve fast and effective fusion of CT/MR/PET with live ultrasound.

By combining imaging modalities directly on the ultrasound system, you now have access to an even more powerful diagnostic tool with advanced visualization, allowing for fast clinical decisions. Expand fusion and navigation capabilities through a range of transducers across applications, including the X6-1 xMATRIX, C5-1, C9-2, eL18-4, L12-5, C10-4ec, S5-1 and mC7-2.

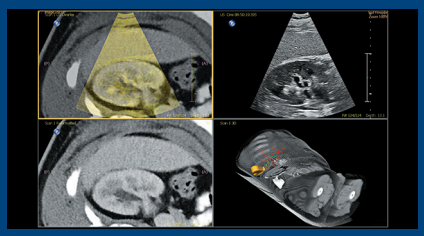
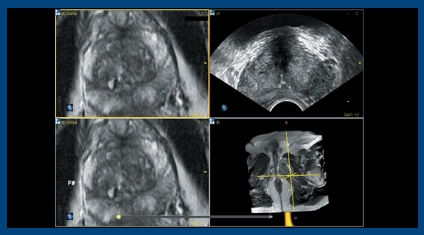
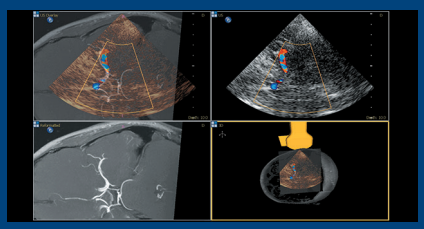


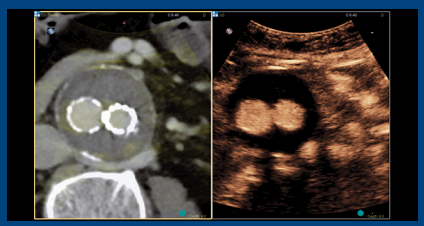
Image fusion of ultrasound and CT allows anatomical correlation for elevated diagnostic confidence and enhanced interventional procedures



MR and ultrasound fusion imaging of prostate facilitates biopsy planning and procedures



Transcranial fusion imaging using color Doppler allows correlation of anatomical structures as well as providing real-time flow data

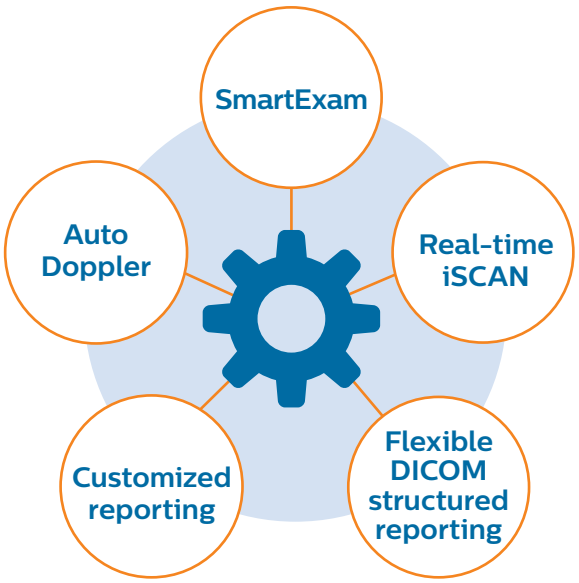


Fusion imaging with CT and ultrasound CEUS allows excellent visualization of aortic endograft for enhanced detection of leaks

Interact intuitively

Designed to elevate the user experience

EPIQ Elite has completely reinvented the premium ultrasound user experience. From ease of use to workflow to ergonomics to portability, we've revolutionized how you interact with an ultrasound system from every standpoint.



The EPIQ Elite tablet-like interface results in 40% to 80% less reach and 15% fewer steps.[4]

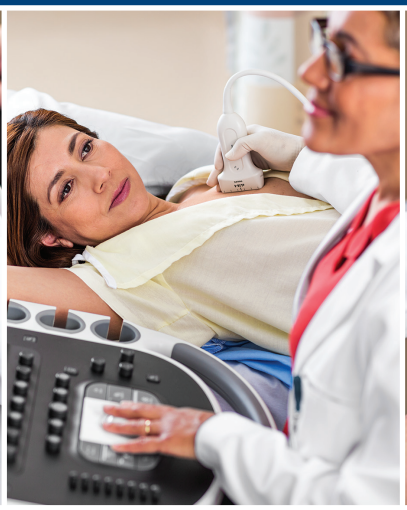
Auto Doppler features automated color region of interest positioning and sample volume placement. Takes ten steps from a conventional exam to three steps, providing few button pushes and reduced exam time.

System-guided SmartExam protocols facilitate exams with an onscreen menu guiding you through required views and modes while automatically entering annotations and prompting for measurements. SmartExam protocols help you build a report quickly, alert to missed views and reduce overall keystrokes and exam time.

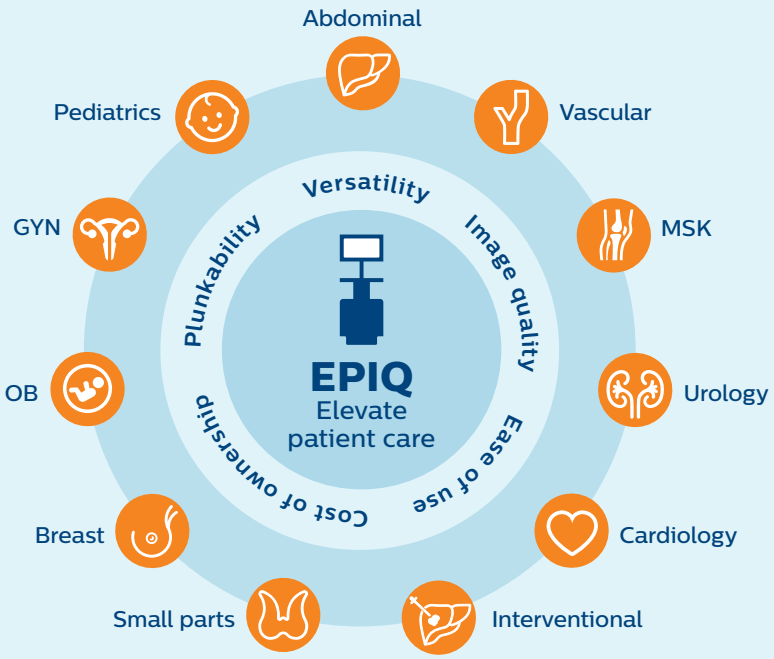
Never compromise

The universal platform removes compromises and barriers

EPIQ Elite ultrasound simply offers outstanding performance with all clinical applications including advanced shared service. Whether you perform abdominal, small parts, pediatric, Ob/Gyn, vascular, interventional or cardiac, the platform offers a no-compromise approach to clinical solutions, enabling you to offer the most advanced services to your patients.

Universal platform
EPIQ Elite offers outstanding performance with all clinical applications.



Choose ultimate solutions

Ultimate ultrasound solutions with clinically tailored tools

- Liver assessment
- Breast assessment
- Small parts assessment
- Vascular assessment
- Pediatric assessment

Clinicians need better solutions that not only improve detection and diagnosis of disease but also increase throughput and productivity while maintaining the highest levels of confidence.

EPIQ Elite ultrasound addresses today's clinical challenges by providing comprehensive solutions across key applications. Harnessing the power of advanced technologies with tailored clinical tools, you now have ultimate ultrasound solutions to help provide patients with the diagnosis and treatment they need.

Protect your patients

Powerful system security protects sensitive patient data

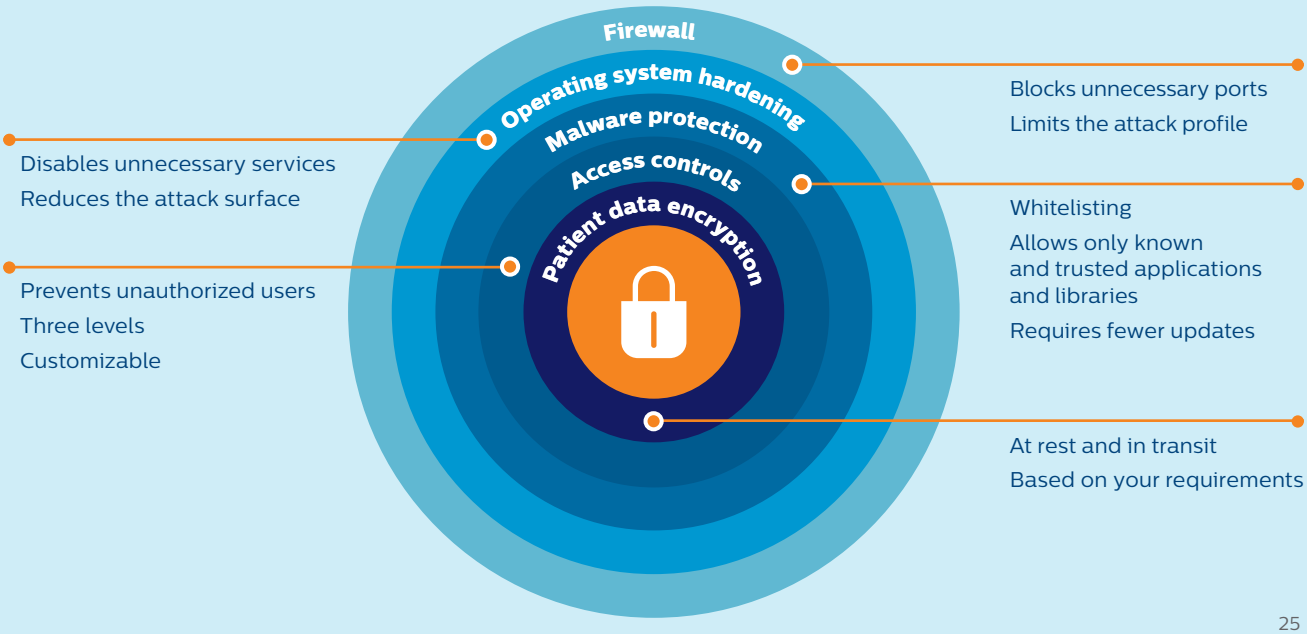
Hospitals and healthcare organizations are spending more to protect their systems and patient data from cyberattacks. Of healthcare providers, one-third of large data security incidents occur in hospitals.[5] That is why healthcare cybersecurity spending will exceed $65 billion over the next five years.[6]

Ultrasound devices are highly mobile and can exist in a wired or wireless environment. As a result, Philips has made security a high priority for ultrasound systems.

The EPIQ Elite platform is built on Windows 10 OS and features a powerful defense-in-depth principle with an outstanding set of data security comprising of five core layers.

Defense-in-depth strategy uses a multi-layered defense that is more difficult to penetrate than a single barrier. This is a basis for best practices in medical device security. Philips recognizes the importance of securing your medical devices and protecting your patient data. Together we can maintain a secure environment by remaining vigilant and identifying the ever-changing cybersecurity threat landscape.

Defense-in-depth strategy



A smart investment

Built to withstand the rigors of daily use, EPIQ offers low operating costs and is backed by Philips support and value-added services. The EPIQ system boasts a low total cost of ownership, making it a smart investment.

Enhance uptime

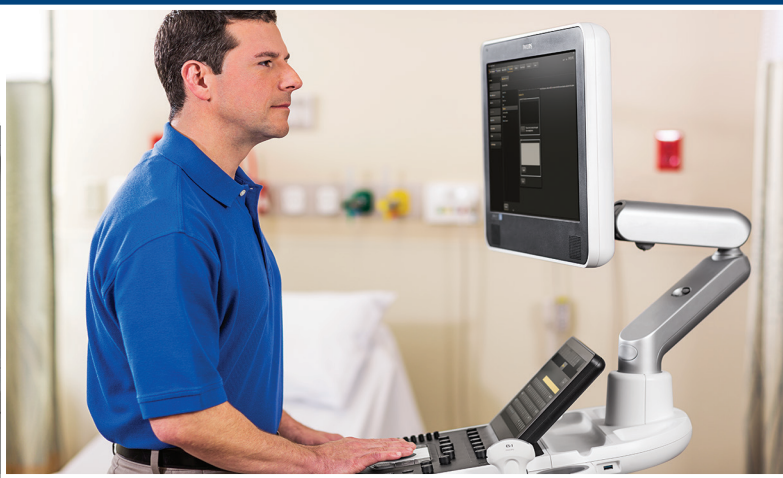
- Modular design for enhanced reliability and rapid repair
- Philips remote services* monitoring, which corrects issues using a standard Internet connection, reducing the need for service calls
- Access to our award-winning service organization

Responsive relationships

The value of a Philips ultrasound system extends far beyond technology. With every EPIQ system, you get access to our award-winning service organization, our competitive financing, and educational programs that help you get the most out of your system.

EPIQ offers a defense-in-depth strategy, implementing a suite of security features designed to help clinical IT professionals and healthcare facilities provide additional patient data privacy and virus protection, as well as protection from unauthorized access via the ultrasound systems on hospital networks.

Exceptional serviceability
The system features a superb modular design for rapid repair.



Support request button for immediate access to Philips support.

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

Count on us
as your patients count on you

The value of a Philips ultrasound system extends far beyond technology. With every EPIQ system, you get access to our award-winning service organization,* competitive financing, and educational tools that help you get the most out of your system.**

Always there, always on

We work as one with your team to keep your EPIQ system running smoothly.

Remote service capabilities maximize efficiency
Easy, rapid technical and clinical support through remote desktop enables a virtual visit with a Philips expert.

Remote software distribution boosts performance over the entire system lifecycle
Remote software distribution provides a simple, convenient, and safe process to seamlessly receive updates at a time the suits you keeping your system at peak performance now and in the future.

Proactive monitoring solutions maximize uptime
Philips proactive monitoring increases system availability by predicting potential system disruptions and proactively acting on them, letting you focus on what is most important – your patients.

Immediate support request at your fingertips
The support request button allows you to enter a request directly from the control panel, for a fast and convenient communication mechanism with Philips experts without leaving your patient, minimizing workflow interruption.

On-cart transducer test provides confidence in your transducer quality
On-cart transducer test provides a non-phantom method to test EPIQ transducers at any time, giving you confidence in your diagnostic information.

Sharing risk, increasing the return on your investment

Partner with us to maximize utilization and uptime of your EPIQ system.

Utilization reports for confident decision-making
Data intelligence tools can help you make informed decisions to improve workflow, deliver quality patient care and decrease the total cost of ownership. The on-board utilization tool provides individual transducer usage data and the ability to sort by exam type.

Understanding your needs, designed for you

Our flexible RightFit service agreements, education offerings and innovative financing solutions can be adapted to meet your needs and strategic priorities.

- **Technology Maximizer Program:** helps keep your system performing at its peak by continuously providing the latest software from Philips at a fraction of the cost of the same upgrades purchased individually over time.
- **Xtend Coverage:** lets you choose additional service coverage for your ultrasound equipment at the time of purchase to more easily calculate your total cost of ownership.
- **Clinical education solutions:** comprehensive, clinically relevant courses, programs, and learning paths designed to help you improve operational efficiency and enhance patient care.

ISSL technology

This industry-standard protocol meets global privacy standards and provides a safe and secure connection to the Philips remote services network using your existing Internet access point.

* Philips is rated number one in overall service performance for ultrasound for 26 consecutive years in the annual IMV ServiceTrak survey in the USA.
** Optional. Not all services available in all geographies; contact your Philips representative for more information. May require service contract.

1. Chen J, Panda R, Savord B. Realizing dramatic improvements in the efficiency, sensitivity and bandwidth of ultrasound transducers. Case study. 2006.
2. Howard DP, Banerjee A, Fairhead JF, et al. Age-specific incidence, risk factors and outcome of acute abdominal aortic aneurysms in a defined population. British Journal of Surgery. 2015;102(8):907-915. doi:10.1002/bjs.9838. www.ncbi.nlm.nih.gov/pmc/articles/PMC4687424.
3. Ghulam QM, et al. Clinical validation of three-dimensional ultrasound for abdominal aortic aneurysm. Journal of Vascular Surgery. 2019. In Press.www.jvascsurg.org/article/S0741-5214(19)31126-7/abstract.
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5. Gabriel MH, Noblin A, Rutherford A, et al. Data breach locations, types, and associated characteristics among US hospitals. Am J Manag Care. 2018;24(2):78-84.
6. Black Book Annual Cybersecurity Survey May, 2018.

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