

PHILIPS

Ultrasound

EPIQ Elite

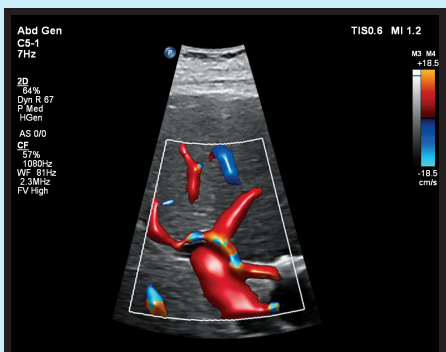
Redefining performance

Discover what can happen when you step up to EPIQ Elite

When you trade up from the Philips iU22 ultrasound system to Philips EPIQ Elite ultrasound, you're greatly expanding your ultrasound capabilities so you can scan virtually every kind of patient – from general to cardiac to Ob/Gyn – with ease. EPIQ Elite is the system that will help you meet the challenges of more complex exams and patients who are more technically difficult to image. Discover how advances such as nSight Plus Imaging Architecture* with next-generation image processing and innovative transducers can help you provide exceptional patient care.



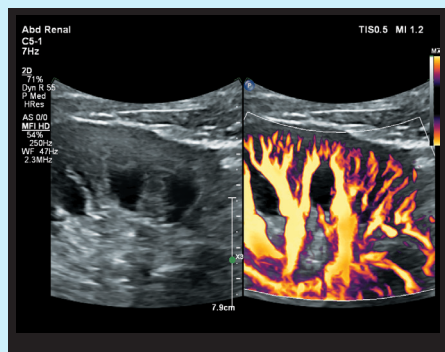
Confident imaging



Liver imaging with the C5-1 transducer and Flow Viewer

Flow Viewer

Defines vasculature with a **3D-like appearance** using both the velocity and power of the Doppler signal to enhance vascular flow topography.



Renal imaging with the C5-1 transducer and MFI HD

MicroFlow Imaging HD (MFI HD)

Offers **2x the sensitivity and resolution†** of MFI in assessing blood flow.

nSight Plus Imaging Architecture,* a more powerful beamforming technology providing next-generation imaging performance.**

Anatomically Intelligent Ultrasound (AIUS)

Provides the intelligence for **faster, more reproducible analysis¹**, with enhanced levels of clinical information, range of capabilities and advanced quantification.

PureWave imaging

Allows scanning of a **wide range of technically difficult patients²** across all major clinical segments (offered on 14 transducers).



* Not available on all transducers.

** Compared to release 7.0

† Internal measured comparison on standards MFI to MFI HD using clinical targets and standard measurement methodology.



Intuitive experience

EPIQ Elite goes far beyond iU22

Performance

Elevated nSight Plus Imaging Architecture with GPU offers a **40% boost in performance and throughput.***



Superb ergonomics

More than 80% of sonographers experience work-related pain, and more than 20% of them suffer a career-ending injury.³ **Multiple degrees of articulation for both control panel and monitor offer 720° of freedom for scanning comfort.**



SmartExam

Enhances user workflow with **system-guided protocols** that can be easily customized to suit your needs.



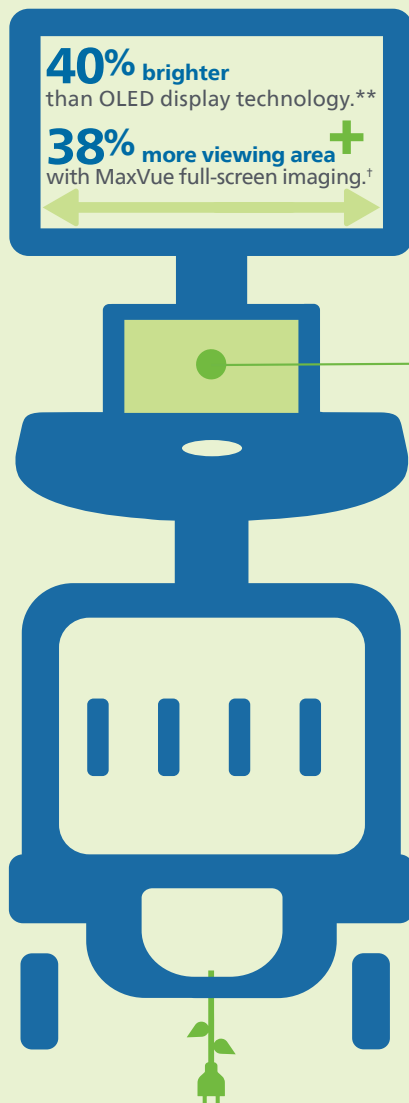
Two-transducer solution

Performs MSK and small parts exams helping elevate diagnostic confidence using the eL18-4 and mL26-8 transducers.[¶]



Sleep mode and lightweight for easy transportation

Enables **near-instantaneous boot-up (30 seconds)** through a battery life of 45 minutes and is **29% lighter than iU22** for ease of transport to bedside.



HD MAX display

Bigger and brighter 61 cm (24") display with full-screen HD viewing at 16:9, with one million more pixels than standard.[†]

Tablet-like interface

Dramatically reduces reach and button pushes, with **40% to 80% less reach** and **15% fewer steps.[‡]**

Image duplication screen

Displays a duplicate monitor image on the touchscreen for **enhanced workflow** during interventional procedures.

Flexible control panel

83% more control panel rotation and 35% more control panel height adjustment.[§]



Post-processing controls

Reduces the need for repeat scans. 84% of users reported that rescanning the patient due to unsatisfactory image quality resulting from inappropriate image settings could be avoided.^{§§}



CIVCO Verza biopsy guide[#]

Directly attaches to the transducer, allowing needle guidance with a minimal blind zone.



Next Gen AutoSCAN

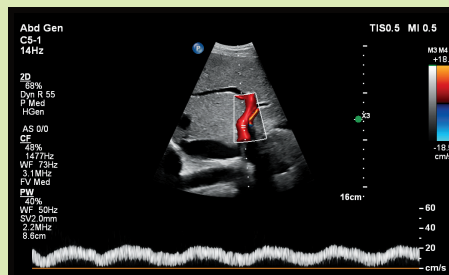
Improves image uniformity, adaptively adjusting image brightness at every pixel and reducing the need for user adjustment while also improving transducer plunkability. **Reduces button pushes by up to 54% with pixel-by-pixel real-time optimization.^{*}**

Uses 25% less power

One of the greenest systems we've ever designed, EPIQ consumes **25% less power** than our legacy premium ultrasound system.[§]

Auto Doppler

Adjusts optimal flow sensitivity and resolution, reducing **10 steps to 3 steps** and also reducing the number of repetitive button pushes by an average of **68%.⁴**



Abdominal imaging with the C5-1 transducer



Reduce number of button pushes by

68%⁴

* Compared to our previous generations without nSIGHT Plus.

** Internal specification comparison of OLED on EPIQ CVx vs. EPIQ HD MAX.

† Compared to our previous monitor without MaxVue.

‡ 2013 engineering study comparing Philips iU22 ultrasound system with EPIQ.

§ Compared to its predecessor, the iU22.

§§ Based on a sample size of n=37 users.

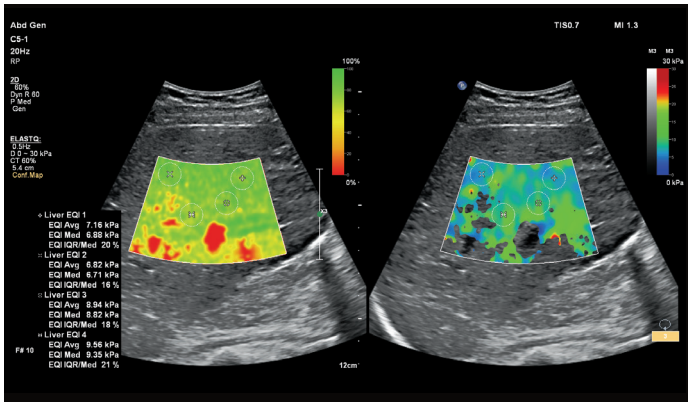
¶ Compared to the predecessor transducer L15-7io.

Not available on all transducers.

▲ When comparing release 10 performance to release 7 performance.

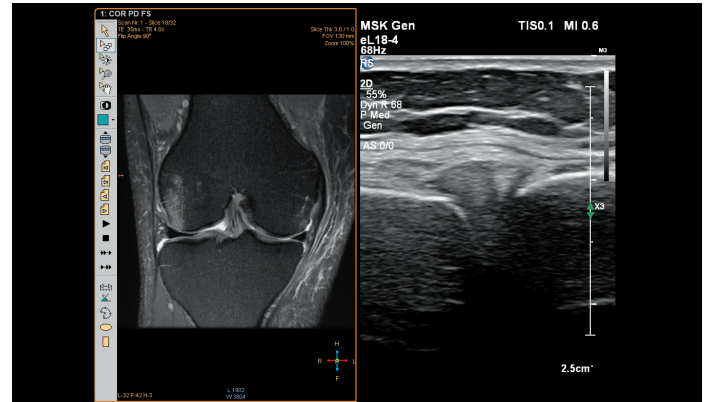


Advanced insights



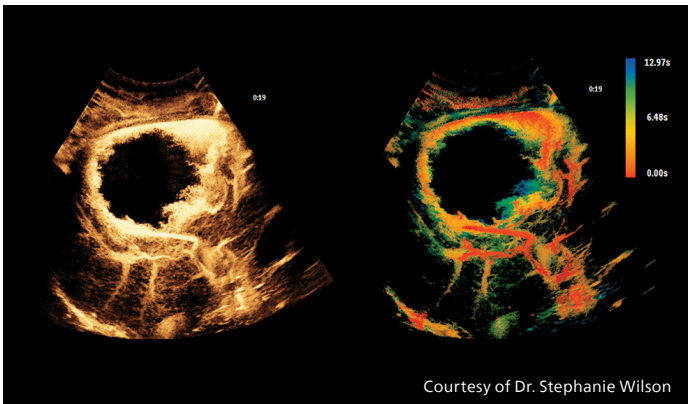
Full-solution elastography

Obtain more definitive information on tissue stiffness.



Live Compare

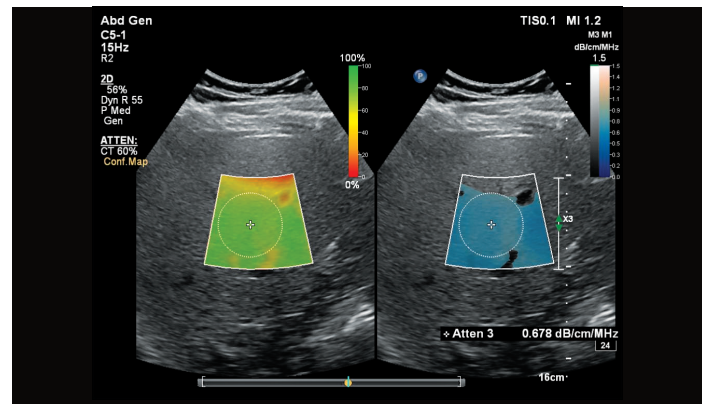
Compare images from other imaging modalities for simultaneous viewing alongside real-time ultrasound images.



Courtesy of Dr. Stephanie Wilson

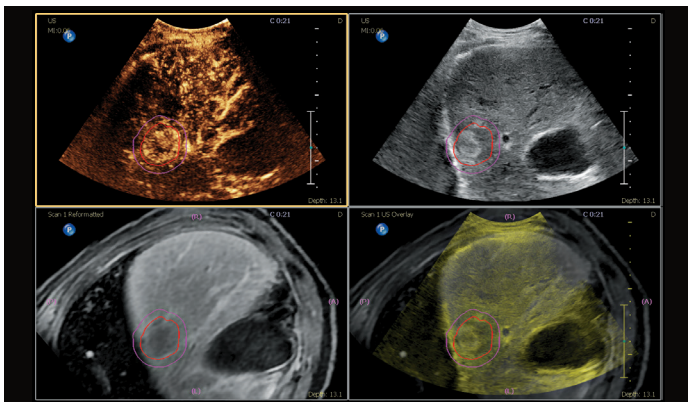
Microvascular Imaging Super Resolution Contrast-enhanced Ultrasound (CEUS) and Time of Arrival

Super Resolution MVI improves resolution by more than 200%* while Time of Arrival provides concise visualization of the temporal patterns of perfusion while maintaining the superb spatial resolution offered by Super Resolution MVI.



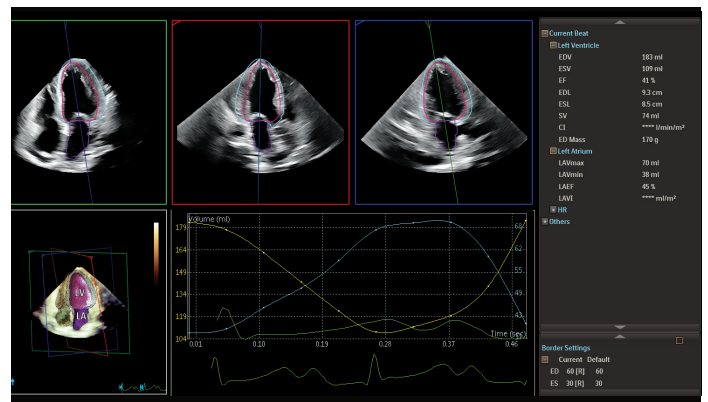
Liver Fat Quantification (LFQ)

Rapid, noninvasive quantitative measure that allows for more complete liver assessment and can be used to screen for patients with nonalcoholic fatty liver disease (NAFLD) or nonalcoholic steatohepatitis (NASH) and for surveillance of patients on therapy.



Fusion and Navigation

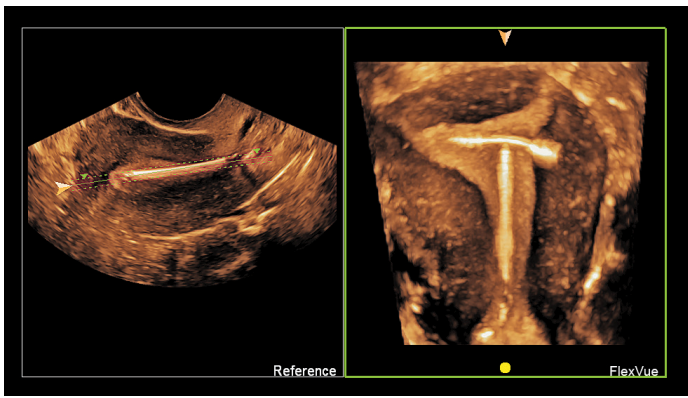
Combines multi-modality imaging for enhanced confidence in complex interventional procedures and Auto Registration in less than one minute.



Advanced CV tools

Auto Measure, Dynamic Heart Model and Auto Strain LV each use AI for quantification.

*Compared to previous MVI capability.



FlexVue

This highly versatile tool enhances visualization of technically difficult anatomical views from 3D volumes that are essential for diagnosis of Ob/Gyn pathology, and displays structures in their entirety in a projected planar view.



3D Auto Edit (aReveal)

Reveal the fetal face with one button touch.



Trusted partner

Ultrasound Collaboration Live with Multi-party*

**Extend your team without expanding it
Now with simultaneous multi-party communication**

Up to six users can quickly and securely talk, text, screen share and video stream directly from the ultrasound system for access to multiple clinical resources at a distance.**



Flexible financing



Defense-in-depth security



Award-winning service†



Comprehensive clinical education



A world leader in sustainability‡

* EPIQ Ultrasound System release 10.0.

** Contract required. Collaboration Live is intended for remote diagnostic use on release 9.0 or higher.

† Philips is rated number one in overall service performance for ultrasound for nearly 30 consecutive years in the annual IMV ServiceTrak survey in the USA.

‡ Philips again achieved a #2 ranking in the leading sustainability benchmark in Dow Jones Sustainability Indices and achieved second place in 2020 on the Wall Street Journal's "100 Most Sustainably Managed Companies in the World" list.

1. Auto Registration Timing Study Report, Doc No: 279809 Rev A, 2015.

2. Chen J, Panda R, Savord B. Realizing dramatic improvements in the efficiency, sensitivity and bandwidth of ultrasound transducers: Philips PureWave crystal technology. Koninklijke Philips N.V. Aug 2006.

3. Society of Diagnostic Medical Sonography, Industry Standards for the Prevention of Musculoskeletal Disorders in Sonography, May 2003.

4. Philips Auto Doppler Clinical Study, Dec. 2011.

Find out more at www.philips.com/GI



© 2023 Koninklijke Philips N.V. All rights are reserved.
Philips reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.



www.philips.com
Printed in the Netherlands.

4522 991 82051 * JUL 2023