

# PHILIPS

## Ultrasound

# Demanding healthcare calls for a new standard — EPIQ Elite premium ultrasound

Step up to clinical and workflow advancements and enhanced security with EPIQ Elite, a new class of premium ultrasound. This universal<sup>1</sup> platform removes compromises and barriers, even for technically difficult patients.



• Liver assessment



• Breast assessment



• Small part assessment



• Vascular assessment



• OB solutions for early diagnosis



• Pediatric assessment

## Experience first time right diagnosis with clinically tailored solutions

EPIQ Elite harnesses the power of advanced technologies and offers clinically tailored solutions for everyday needs.

**PureWave** transducers enable imaging versatility with extraordinary levels of detail, offering up to 76% penetration and 213% temporal resolution increases<sup>2</sup>. They aid >85% completion rate for technically challenging exams<sup>3</sup>.

- Versatile ultra-broadband **eL18-4** for small parts, breast, vascular, pediatrics and OB imaging
- Small contact aperture **mC7-2** allows exceptional intercostal imaging and liver assessment
- Exceptionally ergonomic and lightweight **V9-2** enables next level OB/GYN imaging
- **XL14-3** enables breakthrough advancements in vascular imaging with 2D/3D/4D visualization
- Small, ergonomic **mC12-3** transducer elevates pediatric imaging to new levels

**MicroFlow Imaging** (MFI and MFI-HD) offers remarkable detail in assessing slow and weak blood flow, and plaque morphology with high resolution and minimal artifacts. It is ideal for pediatric and OB/GYN applications.

## Improved operational efficiency with ergonomic and green design

**Portable:** Designed for walk-up usability and bedside services for your sickest, most-challenging patients.

**Battery backup** enables near-instantaneous boot-up. Integrated wireless connection offers instant availability of patient exams on PACS.

**Smart workflow:** The user interface requires 40%–80% less reach and 15% fewer steps<sup>4</sup>, while SmartExam protocols dramatically decrease exam time. AutoDoppler takes a conventional 10 step exam to just three<sup>5</sup> enhancing workflow efficiency.

The new **HD MAX** immersive display meets the ACR display standards and offers superb off-angle viewing.

**Tele-ultrasound:** Fully integrated Collaboration live provides video, voice, image, and text communication to help drive productivity and efficiency.

**Green design:** With 25% less power than our legacy premium ultrasound<sup>6</sup>, the system is RoHS compliant with easy to access components, and designed for reuse and recyclability<sup>7</sup>.

**Cybersecurity:** Built on **Windows® 10** operating system, EPIQ Elite applies a powerful defense-in-depth strategy for outstanding data security.

## Expand diagnostic services with clinical design support

**Artificial intelligence (AI)** and automated clinical tools are two ways our ultrasound solutions are helping to make care “smarter”.

**Shear wave elastography:** ElastQ imaging with real-time feedback, large region of interest, retrospective measurements and unique confidence map enable adult and pediatric liver assessment.

**Contrast-enhanced ultrasound (CEUS):** Real-time results and superior temporal resolution enable seamless integration into the standard workflow for adult and pediatric applications.

**Fusion and Navigation:** Streamlined workflow allows fast and effective fusion of CT/MR/PET/CBCT with live ultrasound while needle navigation aids in guiding biopsy and ablation procedures. Faster procedure times and less dependency on other modalities help achieve potential cost savings while improving patient care<sup>8</sup>.

- 1 Advanced shared services
- 2 2013 quantitative engineering study comparing Philips iU22 ultrasound system with EPIQ 7
- 3 Summary of results from EMEA technically difficult patient study (EPIQ), 2014
- 4 2013 quantitative engineering study comparing Philips iU22 ultrasound system with EPIQ 7
- 5 Auto Doppler Clinical Study, Dec. 2011
- 6 Technical specification comparison
- 7 [asimpleswitch.com](http://asimpleswitch.com)
- 8 Kim, E et al. CT-Guided Liver Biopsy with Electromagnetic Tracking. *American Journal Roentgenology* 2014; 203:W715-W723
- 9 Philips Ultrasound earned Best Service for Cardiovascular Ultrasound & General Ultrasound by IMV ServiceTrak™ in their 2018/2019 customer survey



## Future forward innovations

For decades, Philips has been bringing you ultrasound advances that matter. You can count on Philips for the on-going transducer innovation, next-generation image processing and advanced quantification for elevated diagnostic confidence, and workflow efficiency. Programs like **Technology Maximizer** help keep your system performing at its peak by continuously providing the latest upgrades.



## Always there, always on

Philips is committed to keeping you on the cutting-edge with our **comprehensive education** programs. With **more than 25 years of award-winning service**<sup>9</sup>, you can rely on us to keep your systems running smoothly. By teaming up with Philips you can worry about what really matters – delivering better care, to more patients, at a lower cost.



## Expect the exceptional

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[www.philips.com/epiq](http://www.philips.com/epiq)

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or call 1-800-229-6417 (option 1)

