

The Philips logo, consisting of the word "PHILIPS" in a bold, blue, sans-serif font, is positioned in the upper left corner of the advertisement. It is set against a white background that is part of a larger blue and white graphic element.

**PHILIPS**

The word "Ultrasound" is written in a white, sans-serif font on a dark blue rectangular background. This background is part of a larger blue and white graphic element that also contains the Philips logo and the word "Sparq".

Ultrasound

The word "Sparq" is written in a white, sans-serif font on a dark blue rectangular background. This background is part of a larger blue and white graphic element that also contains the Philips logo and the word "Ultrasound".

Sparq

The main headline of the advertisement, "A new way of thinking", is written in a large, white, sans-serif font. The word "thinking" is significantly larger and bolder than the rest of the headline. The text is centered and overlaid on a background image of a surgical team in an operating room.

# A new way of **thinking**

The product name, "Philips Sparq regional anesthesia and pain medicine ultrasound system", is written in a smaller, white, sans-serif font below the headline. It is centered and overlaid on the same background image of a surgical team.

Philips Sparq regional anesthesia and pain medicine  
ultrasound system



# Sparq

easy to experience

Breakthrough technology should not make your life more complex. Quite the opposite. It should remove the complexities that create barriers to doing what matters most: providing the best care possible for your patients.





With Sparq, nothing gets in the way of achieving a healthy balance of streamlined workflow and clinical excellence.

Sparq delivers. By providing a new ultrasound experience, Sparq makes scanning and interpreting quality ultrasound images at the point-of-care as simple as possible, giving you more time to focus on your patients. Sparq's unique user interface, intelligent automation, and outstanding image quality combine to make the system easy to learn and easy to use.



**Simplicity Mode – ON**



**Simplicity Mode – OFF**

# A uniquely simplified ultrasound system

The Simplicity Mode on the Sparq system presents only the ultrasound functions that you use most often. The Intuitive Dynamic Interface adjusts as you interact with the control panel. The AutoSCAN feature automatically identifies tissue types and continuously adjusts image gain.

The Exam Dashboard seamlessly walks you through the steps needed to begin an exam. The Temporary ID feature assigns a unique, temporary number to each unidentified patient, allowing you to immediately start scanning.

SmartExam provides on-screen guided workflow for fully customizable exam protocols while automating system functions, and thus increasing consistency.

When the exam is complete, comprehensive tools aid analysis and reporting. Wireless DICOM networking capabilities make it easy to share and archive images and reports.

## **Easy procedure guidance**

The L12-4 and C6-2 transducers have a centerline mark that corresponds to the centerline on the image to make it easy to conduct out-of-plane procedures.

Sparq features needle visualization, a technology that enhances the presentation of the needle without degrading the image, facilitating quick needle guidance to the anatomical target.

## **The gold standard for security**

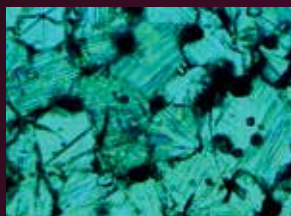
Philips recognizes the importance of securing your ultrasound system and protecting your patient data. The security feature on Sparq is a defense-in-depth strategy that comprises five layers: firewall, operating system hardening, malware protection, access controls, and patient data encryption. Each of these layers plays an important role in helping you thwart hackers, defend against malware, and prevent unauthorized access.

# Increased **confidence** for ultrasound-guided nerve blocks

The power of Philips imaging for technically difficult patients

Sparq includes Philips proven imaging technologies designed to provide outstanding image quality: SonoCT significantly reduces many of the artifacts that are inherent in conventional ultrasound and XRES creates images virtually free from noise.

The exceptional performance of PureWave transducer technology results in improved diagnostic confidence, especially on technically difficult patients. PureWave transducer technology is now available on two Sparq transducers, the C5-1 and the X7-2t.



Conventional (x800)



PureWave (x800)

PureWave crystals have virtually perfect uniformity for greater bandwidth and twice the efficiency of conventional ceramic materials. The result is excellent imaging and Doppler performance.



# Designed for **your environment**



Easy clip, our innovative cable management solution, keeps cables tangle-free and reduces damage while decreasing cable strain.

Sparq revolutionizes the user experience at the point-of-care

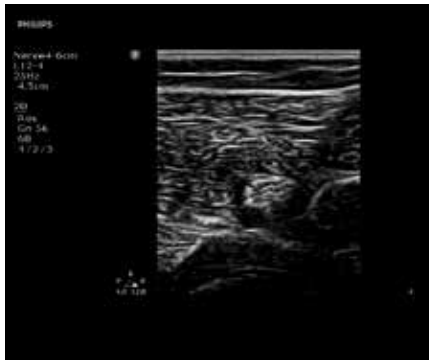


Sparq's ergonomic design and small footprint make it easy to position even in the most constrained clinical environments. For scanning comfort, the clinician can independently adjust the height of the system as well as the height of the monitor. To facilitate easy viewing, the large 17-inch monitor with automatic ambient light compensation is on an articulating arm.

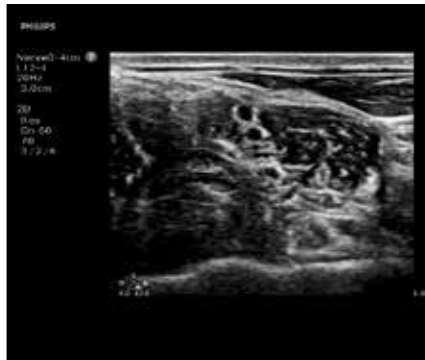
The sealed, tempered glass control panel facilitates easy cleaning and disinfecting.

Sparq features a long battery life that provides mobility and access at the bedside. The Sleep Mode lets you save battery power and provides "instant on" when you need it.

# Philips **exceptional** image quality



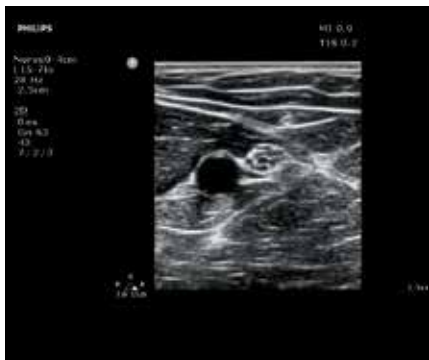
Sciatic nerve at popliteal level



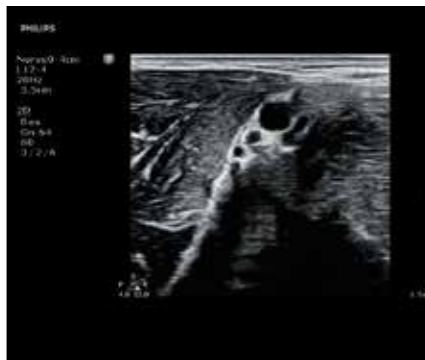
Brachial plexus interscalene level



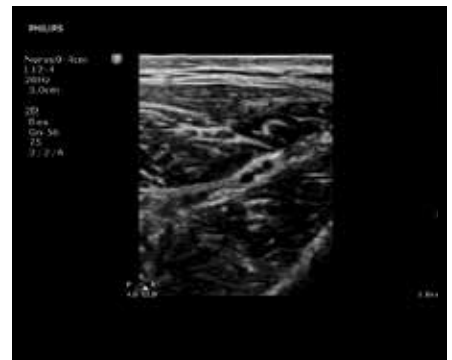
Spine



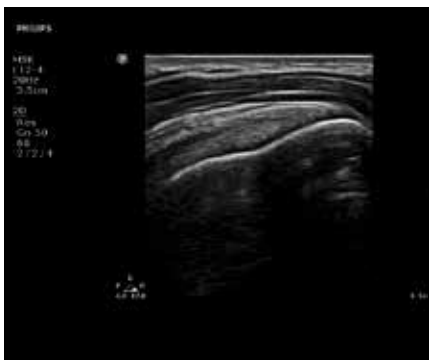
Median nerve



Axillary artery and nerve plexus



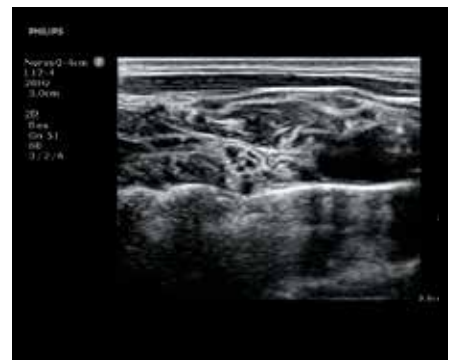
Anterolateral abdominal wall nerves



Supraspinatus tendon



Radial nerve at the elbow



Supraclavicular brachial plexus

# A wide range of transducers and clinical applications



## Sparq clinical applications for ultrasound-guided regional anesthesia and pain medicine

- Nerve
- Spine
- Musculoskeletal
- Musculoskeletal Superficial
- Vascular Access
- Cardiac and TEE
- Lung
- FAST
- Abdomen
- TCD



Sparq's family of transducers includes the C5-1 PureWave, C6-2, S4-2, L12-4, L15-7io, C9-4v, and X7-2t PureWave.



# Count on us as your patients count on you

The value of a Philips ultrasound system extends far beyond technology. With every Sparq 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 Sparq system running smoothly.

## **On-cart transducer test provides confidence in your transducer quality**

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

## **Remote service capabilities maximize efficiency**

Easy, rapid technical and clinical support through remote desktop enables a virtual visit with a Philips expert.

## **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.



## **Sharing risk, increasing the return on your investment**

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

## **Utilization reports**

Data intelligence tools can help you make informed decisions to improve workflow, deliver quality patient care, and decrease the total cost of ownership. This ultrasound utilization tool provides individual transducer usage 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.

\* Philips is rated number one in overall service performance for ultrasound for 23 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.

