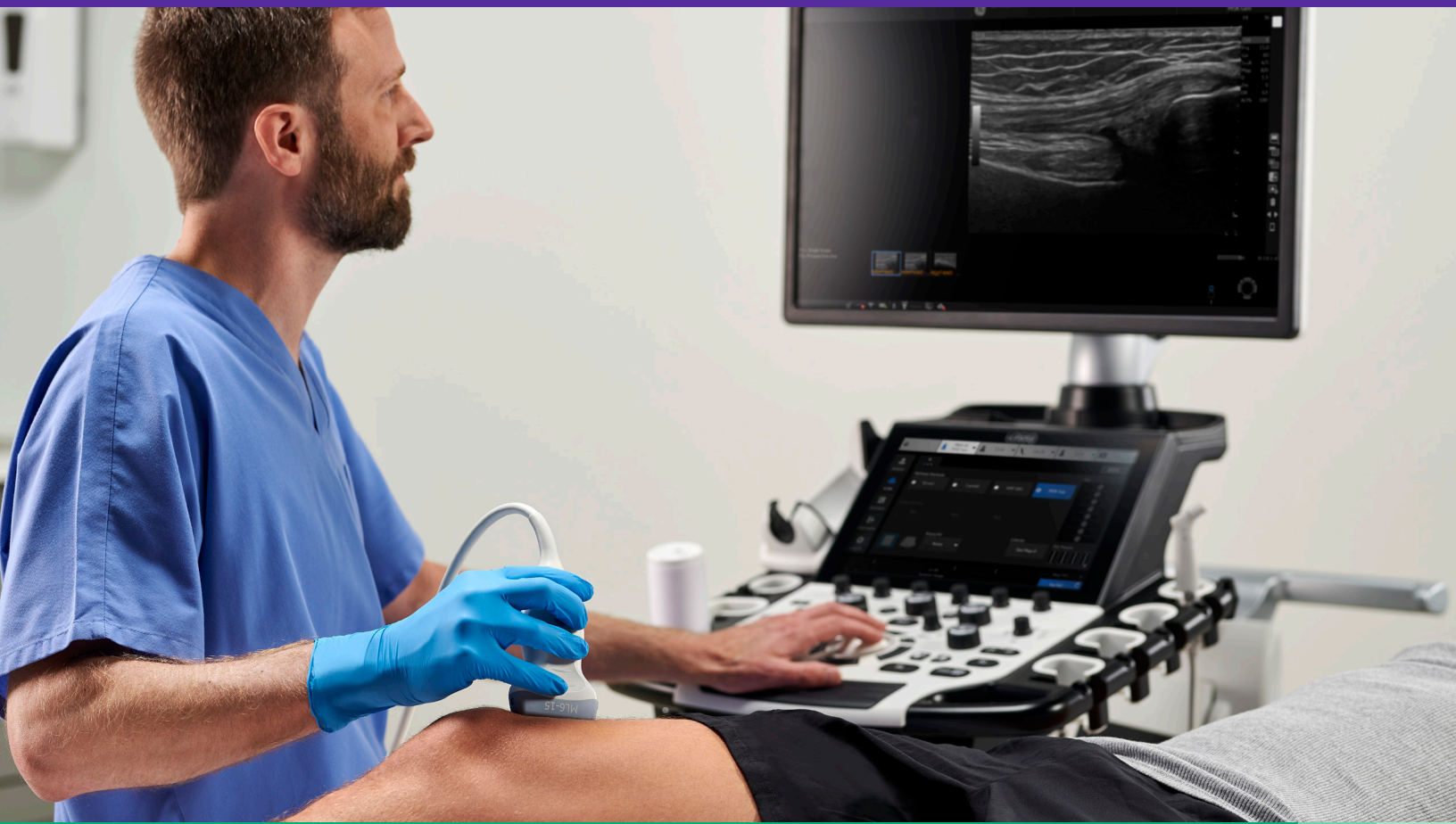




GE HealthCare

# LOGIQ Fortis™

Ultrasound, the next level for musculoskeletal



Powerful, mobile imaging for musculoskeletal patients across multiple settings

## Clinical challenge

Ultrasound is a critical imaging tool for a wide range of musculoskeletal conditions, from trauma to oncological and chronic diseases. Clinicians need accurate information in static and dynamic examinations targeting everything from small joints and nerves to deeper muscles, tendons, ligaments, and other complex structures.

## GE HealthCare solution

LOGIQ Fortis is a powerful, exceptionally mobile ultrasound system that lets you bring superb imaging and specialty tools to musculoskeletal patients in multiple settings. Our cSound™ Architecture and XDclear™ transducers deliver exceptional image quality, supported by advanced specialty tools like 2D Shear Wave Elastography. AI-based workflow tools offer decision support while increasing exam efficiency.

## Exceeding your clinical expectations

Clinicians can rely on LOGIQ Fortis for high-quality images, deep penetration in larger structures, like the shoulder, and finely detailed visualization in smaller parts, like fingers and wrists.

**cSound Imageformer with Advanced Speckle Reduction Imaging (SRI):** Delivers outstanding spatial and contrast image resolution, from near field to depth, to help in visualizing and assessing tendon tears, peripheral neuropathies, ligament disruptions, and other conditions. There's no need to adjust the focus manually—the information you need is instantly there.

**Flow modes:** Our comprehensive package of flow modes includes Microvascular Imaging (MVI) and Radiantflow™ to study tissue vascularity. They can help clinicians assess inflammatory conditions such as rheumatoid arthritis, for early staging.

**Comprehensive portfolio of probes:** Advanced probes for musculoskeletal imaging deliver accurate information for everything from neurology and rheumatology to soft tissue imaging and interventional studies. Innovations include high-frequency probes, from large footprints to light hockey sticks; high-performing, low-frequency probes; extended bandwidths; button probe; and sensor-embedded solutions for navigation.

**B-Steer+:** Enhances needle visualization in real time to improve speed and confidence in needle guidance procedures.

**B-Flow imaging:** This non-Doppler technique enables direct, real-time visualization of blood flow echoes with no vessel wall overlap to obscure details. B-Flow Capture with Reconstruction provides a 3D view of blood vessels, suppressing artifacts and enhancing weak vessel signals.

**2D Shear Wave Elastography (SWE):** Enables quantitative assessment of soft tissue stiffness in the tendons, ligaments, and muscles to assist in assessing inflammatory disease, trauma, and focal masses.

**Volume Navigation (V Nav):** Fusion Imaging merges real-time ultrasound with a volume DICOM® dataset (CT, MR, PET/CT, CBCT, SPECT and 3D CEUS) to facilitate second-look examinations and biopsy guidance. Needle Tip Tracking helps increase clinical confidence in complex procedures where precision is critical, as in sacroiliac or facet joint injections for chronic pain management.

**Compare Assistant:** View a prior study – ultrasound, mammography, CT or MR – and current images together in real time via a split screen on the monitor.

## Optimizing your productivity

The mobile and powerful LOGIQ Fortis helps clinicians free up time for challenging cases. Intuitive to operate and easy to clean, the system enables users of all skill levels to work proficiently and manage high patient volumes.

**Exceptional mobility and remote operation:** The system is easy to maneuver and fits almost anywhere—from patient bedside to exam rooms and sports medicine clinics. You can scan on battery and even control the system remotely.

**Scan Assistant:** Provides customizable automation to assist users at each step of the ultrasound study, helping reduce keystrokes and exam times.

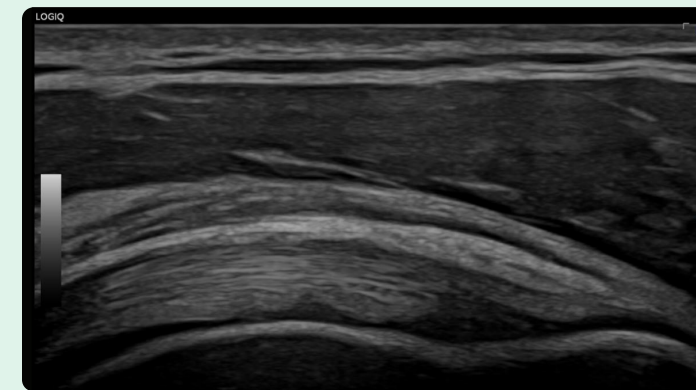
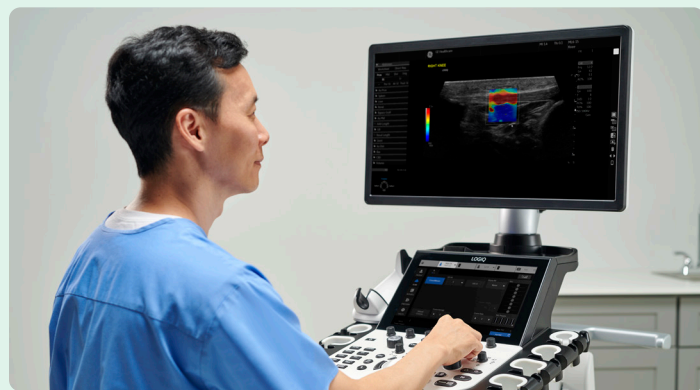
**Photo Assistant app:** Acquire photos of relevant anatomy via an Android™ smartphone or tablet and transmit them wirelessly to the ultrasound system for inclusion with the clinical images—providing valuable context for the reviewing physician.

**Raw Data:** Enables image processing and quantification to be applied after the exam, allowing extraction and reanalysis of information without extending the exam time.

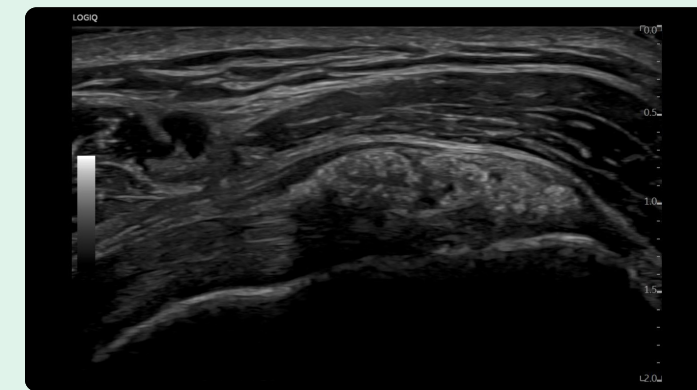
**Virtual Convex:** Provides a wide field of view so users can visualize more anatomy in a single scan.

**LOGIQ™ View:** Constructs an extended image from individual frames, enabling a “virtual sweep” to help improve visualization of the entire tendon or muscle.

**2D Flow Quantification:** Delivers semi-quantitative information on the vascular pattern in a selected ROI. This can help in staging inflammatory disease or assessing vascular feeding of suspicious anatomical areas, which is vital to therapy planning.



Shoulder, ML6-15-D



Subscapularis tendon, L4-20t-D

## Maximizing your investment

LOGIQ Fortis helps you get a high return on your ultrasound investment, with a growth-oriented digital platform, deep clinical support resources, and advanced cybersecurity protection.

**Fully featured and scalable options:** Choose from a full suite of robust, standard features and options to configure the optimal system to meet your clinical needs.

**SonoDefense:** GE HealthCare's multi-layer approach to cybersecurity will help keep your systems safe and functional in the face of cyber threats and protect patient data from unauthorized access.

**Lifecycle support:** Your system is backed by digital operational support that enhances return on investment (ROI), including performance analytics, software/security updates, live clinical training, and advanced system diagnostics.

## Verisound™ digital and AI ultrasound solutions

You're focused on patients, and we're fully focused on you. LOGIQ with Verisound digital and AI ultrasound solutions applies decades of ultrasound experience to minimize chaos, eliminate the mundane, and improve your day-to-day – because an efficient workflow means more focused time on patient care.



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