Simple. Fast. Precise.
Empowering Point of Care.

NextGen LOGIQ™ *e* Ultrasound System

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Challenges in Point of Care

Acute intervention. Chronic patient management. Needle Guidance. Action-oriented patient care. When physicians who use ultrasound at the point of care met with GE scientists, they asked for a system designed for immediate-action workflow, bright-room operation, and precise guidance... throughout the facility.

Designed for Point of Care

See clearly. See quickly. Guide precisely. Those were the values users requested that drove the creation of the NextGen LOGIQ *e*. Its imaging engine comes from GE's flagship console systems, delivering crisp images in a compact package. Point of care specific software and transducers help to see the needle to administer a block or perform an aspiration quickly, even in the obese patient. When productivity matters, you can control the console from the transducer – potentially eliminating the need to have a second person assist.

Simple

The LOGIQ *e*'s specialized software and transducers help you keep up with treatment advances and simplify interventions. Terrific right-out-of-the-box imaging – optimized for Point of Care – makes the technology transparent so that you can focus on the patient.

- **The simplicity of a number.** PDI quantification provides a numeric representation of the blood flow, which may be associated with inflammation, tumors, and synovitis.
- **Simple consistency.** Patient Follow-up Tool with Fusion helps ensure technical consistency from exam-to-exam to help clinical conclusions not be clouded by inconsistent technique.
- **Simple comparison.** Sometimes comparing left-to-right or before-and-after is the key to clinical decision making. Simultaneous Split Screen makes the comparison nearly automatic.

Fast

Whether you're measuring seconds for clinical reasons, or you're measuring productivity for business reasons, the LOGIQ *e* was built to help make you fast. The highly portable system easily moves from patient to patient.

- **Need a third hand?** With a needle in one hand, a probe in the other, sometimes you need another person to adjust the image. With system controls on the probe handle, now you may not need the extra hand.
- **Imaging on the go.** Compact and battery-operated, the LOGIQ *e* allows flexibility in moving from patient-to-patient.

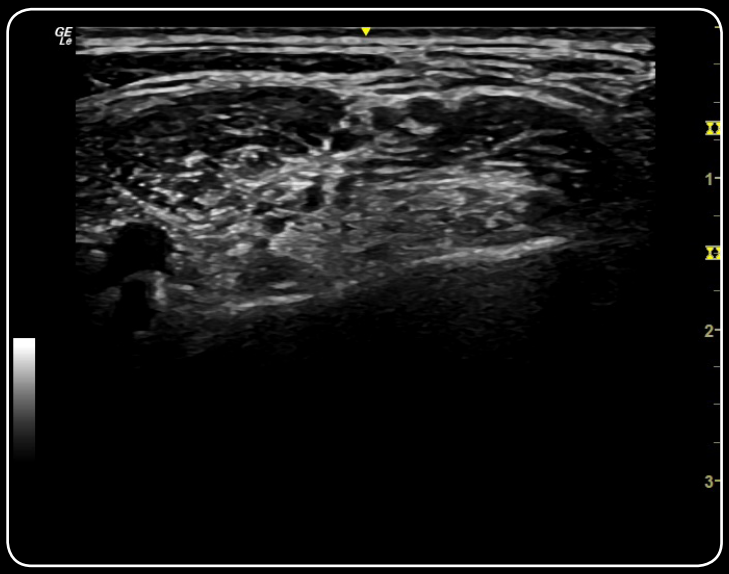
Precise

Diagnostic or guidance, image quality matters. Crisp imaging is at the core of the LOGIQ *e*.

- **Tissue differentiation matters.** The LOGIQ *e* imaging engine is separately optimized for each Point of Care application.
- **See the needle tip.** The LOGIQ *e* uses two different types of ultrasound: One for tissue and one for metal. This helps the needle stand out and allows separate control of the needle appearance.
- **Image almost the whole body... and almost any body.** The 1-5 MHz curved transducer provides penetration for deep structures, even in the obese patient. Other transducers image up to 22 MHz for stunning superficial detail.
- **See the inflammation and early disease.** High-Res PDI is a GE exclusive technology to visualize flow in neovascularization.
- **See in 3D.** Use any transducer[1] to show anatomical relationships intuitively with Easy3D.

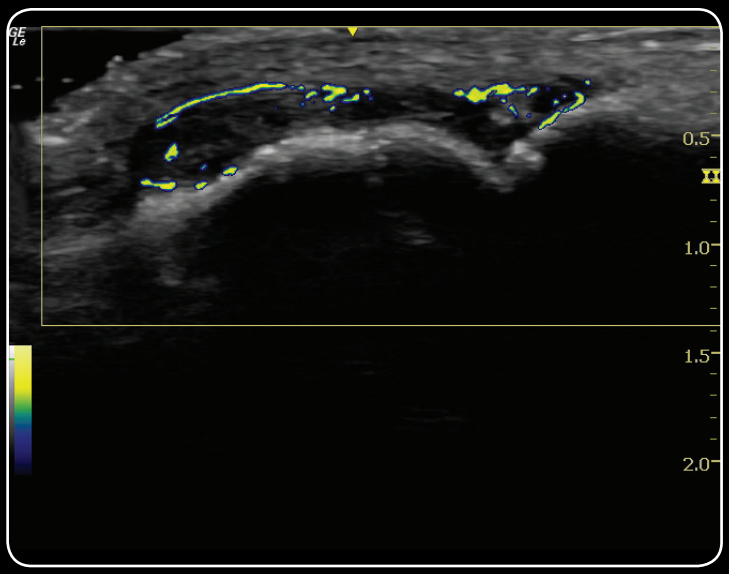
[1]*"Any transducer" applies to all transducers that have been validated on the NextGen LOGIQ e.*

Exceptional detail in the length of the achilles tendon is routinely seen using the LOGIQ View with the L4-12t-RS

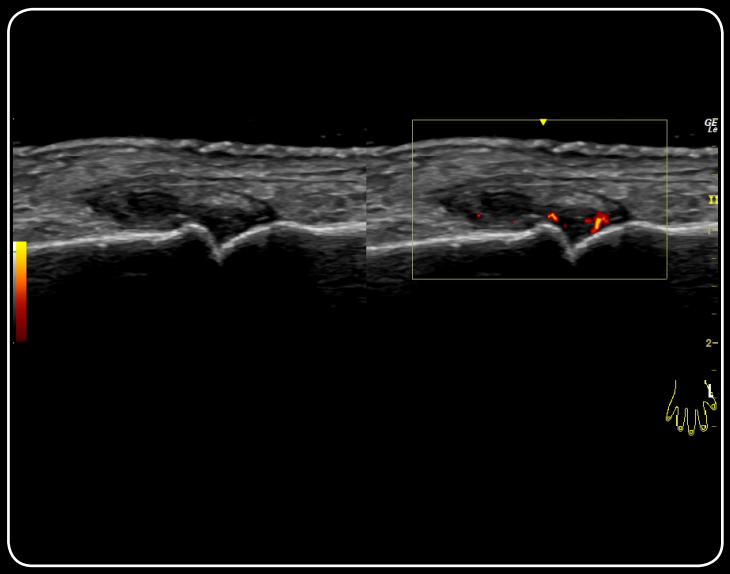


Brachial plexus nerves at the interscalene level are clearly delineated between the scalene muscles while utilizing the 12L-RS

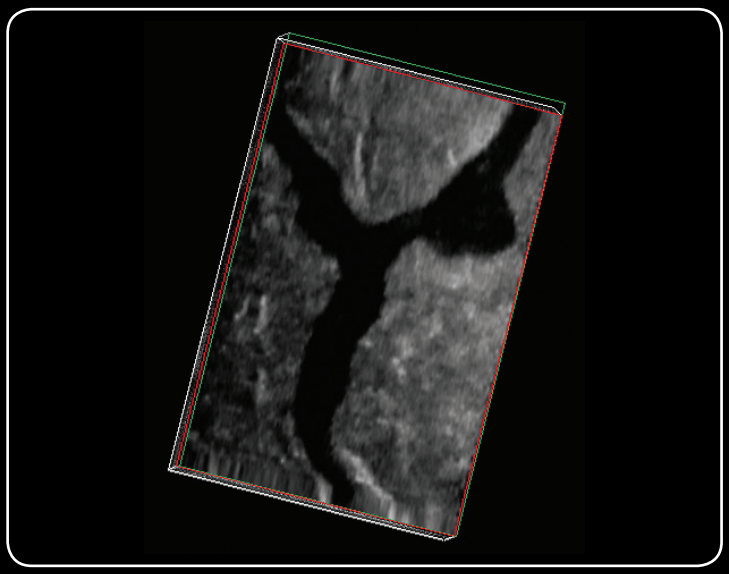
Excellent contrast resolution is identified scanning the heart using the 3Sc-RS



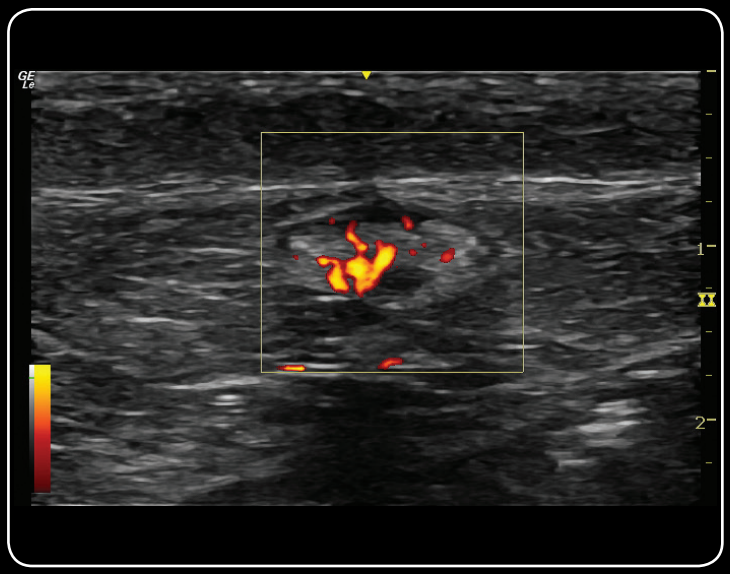
Axial resolution of the High-Res PDI neovascularization is remarkable using the L4-12t-RS



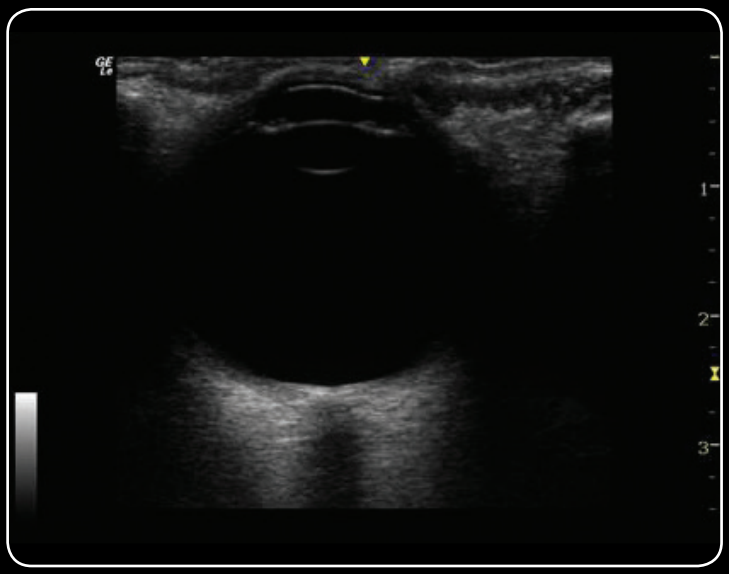
Comparison of B-mode with PDI of an anatomical area using the L4-12t-RS is possible with split screen



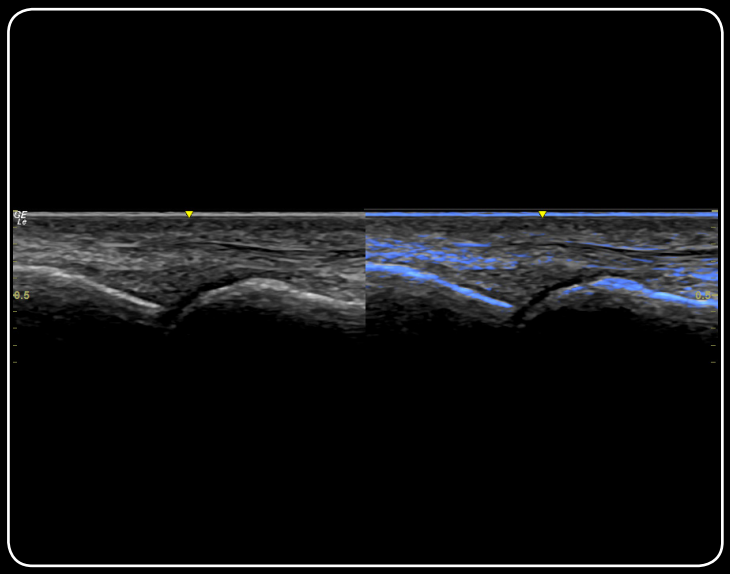
Ability to see the varicose vein in multiple dimensions is easily achievable using 3D and 12L-RS



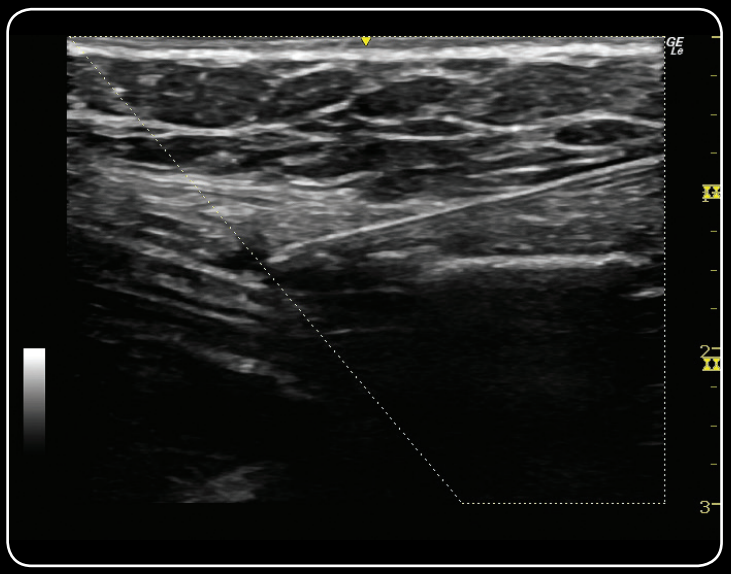
Outstanding visualization of the lymph node PDI vascularization is significant using the 12L-RS



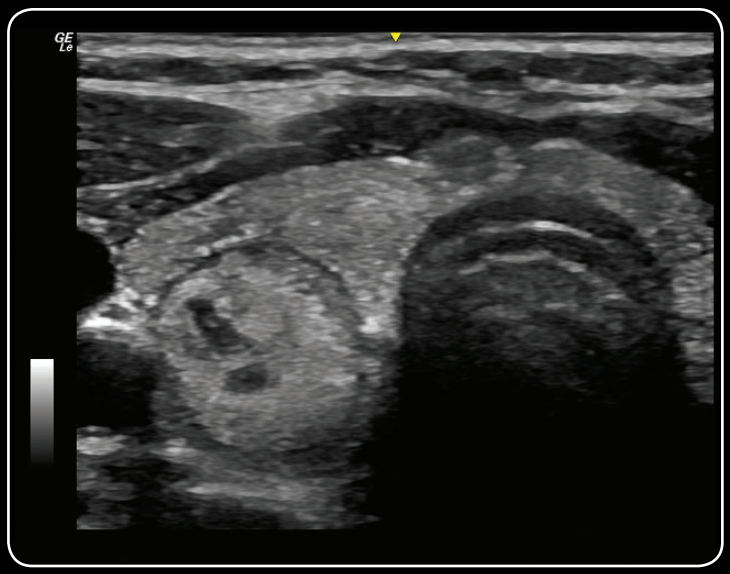
Visualization of the optic nerve sheath is well delineated utilizing the 12L-RS



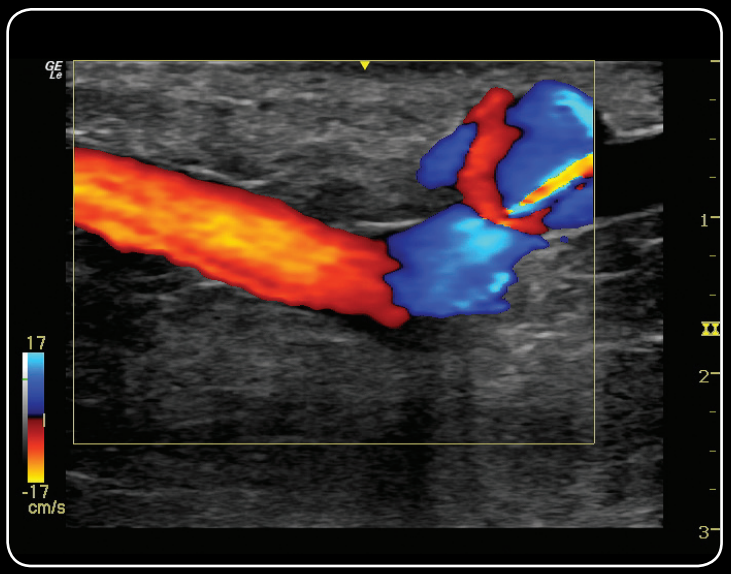
Accurate comparison in musculoskeletal imaging has been taken to the next level with the addition of Fusion to the daily workflow



Needle and needle tip are clearly demonstrated approaching the transverse abdominus muscle for TAP block procedure



Remarkable tissue differentiation of a thyroid nodule and surrounding anatomy is seen using the L4-12t-RS



Directional venous flow is easily confirmed while applying color Doppler utilizing the L4-12t-RS

About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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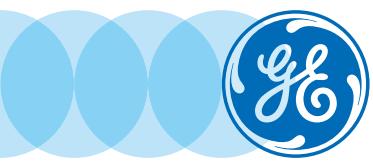

Data subject to change.

Not all features or specifications described in this document may be available in all probes and/or modes.

All probes names include the -RS in the name to identify the connector.

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NextGen LOGIQ *e* is a configuration of LOGIQ *e*.