

Intended use

This presentation is intended for and should be approved for customer use, internal cc, and internal training handouts.





Simple. Fast. Precise. Empowering Rheumatology. NextGen LOGIQ™ *e* Ultrasound System

Imagination at work.

All images in this presentation are from LOGIQ *e* R6. Image quality of the LOGIQ *e* R6 has been demonstrated to be equivalent to the LOGIQ *e* R7. JB45055XX | NextGen LOGIQ™ *e* Rheumatology | *e* R7
NextGen LOGIQ *e* is a configuration of LOGIQ *e*.
LOGIQ is a trademark of General Electric Company.

Challenges in Rheumatology



Early diagnosis and treatment toward target of remission

Complexity of intervention

Wide range of patients and procedures

Time pressures



NextGen LOGIQ *e*... designed for Rheumatology

Precise and Simple

Precision imaging of neovascularization
optimized for early detection

Helps to objectively manage disease

Innovative tools to help simplify
interventions



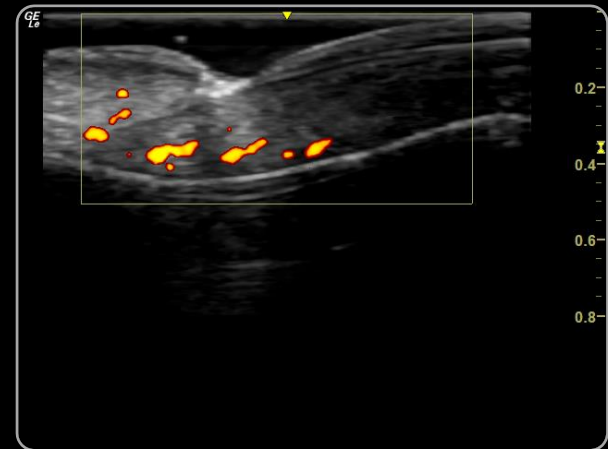
Precision imaging with ultra-high frequency



The new high frequency linear transducer: L10-22-RS



A2 Pulley demonstrated using L10-22-RS

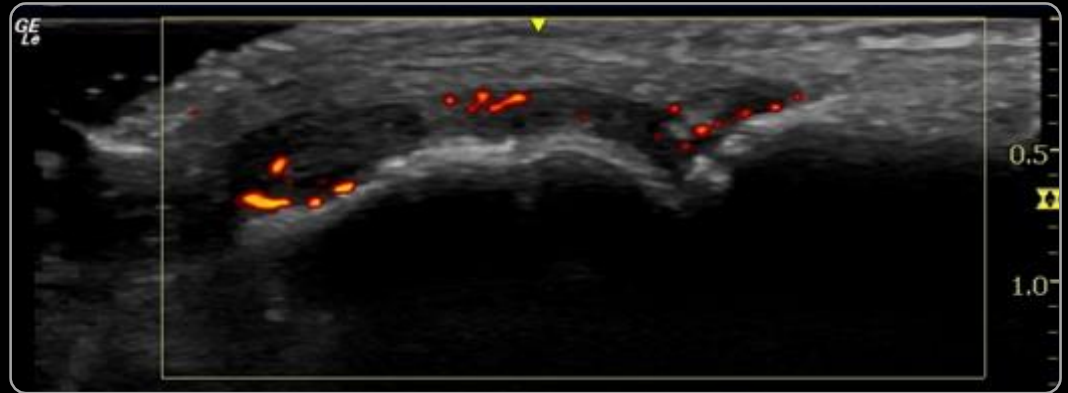


Fingernail with PDI demonstrated with the L10-22-RS



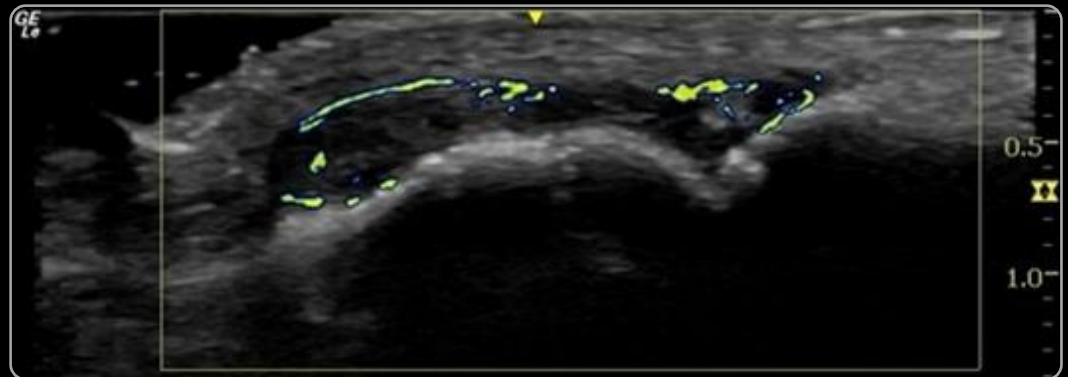
Precise depiction of neovascularization

Visualize slow and low blood flow in microvessels



Visualization of synovitis in MCP with standard PDI seen with L4-12t-RS

See flow in vessels half the size than vessels seen using conventional PDI¹



Visualization of synovitis in MCP with Hi-Res PDI seen with L4-12t-RS

¹As compared to GE's Power Doppler Imaging, High-Res PDI has twice the axial resolution on the new LOGIQ e when using a L8-18i-RS transducer with a phantom.

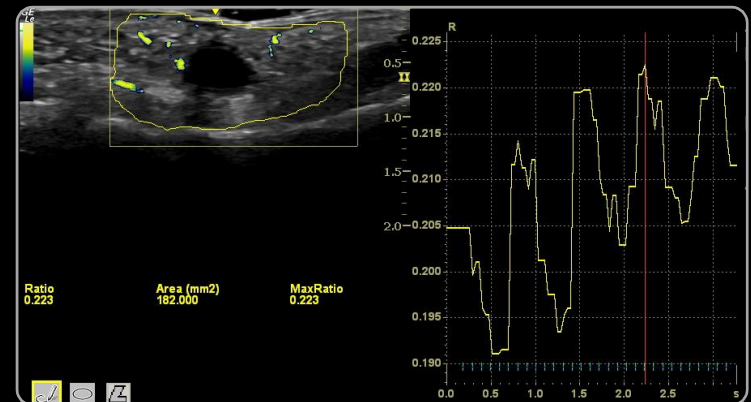


Innovative tools to help objectively manage disease

Simple objectivity in a number



Quantify disease activity



High-Res PDI Quantification with L4-12t-RS

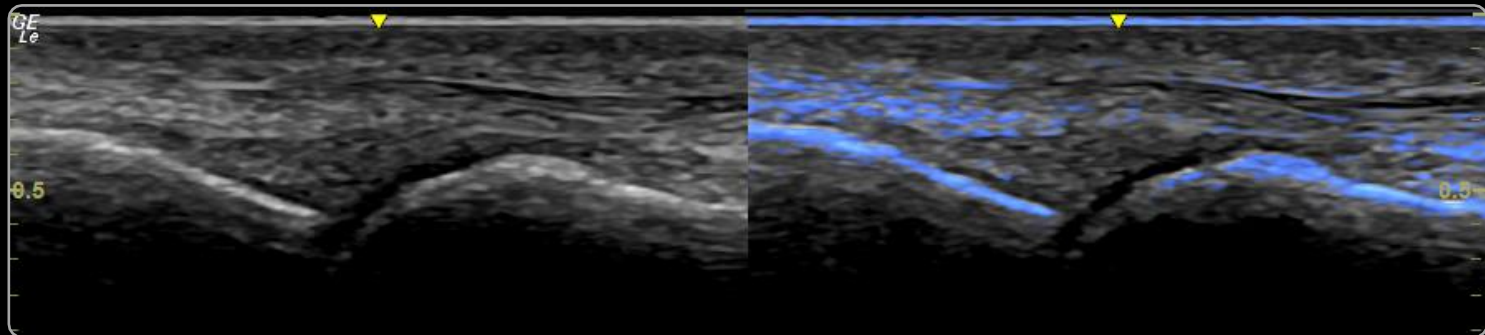


Image with technical consistency between serial exams

Evaluate disease over time

Automatic recall of scan parameters

Fusion overlay to guide image alignment



Patient Follow-Up Tool with Fusion demonstrated with the L8-18i-RS



Simplifying interventional procedures

Need a third hand?

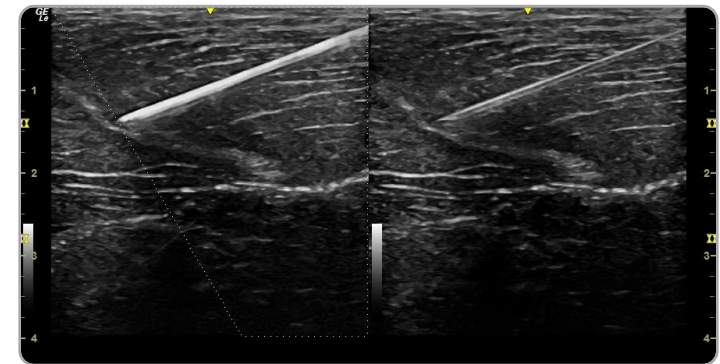
- Single person control of the procedure
- Reduce need to break sterile field

Needle Recognition with gain

- Independently control needle brightness

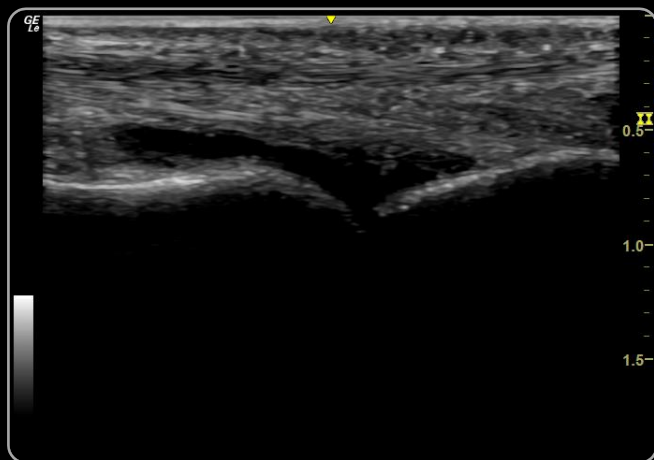
Precision imaging of the target

- See the needle tip

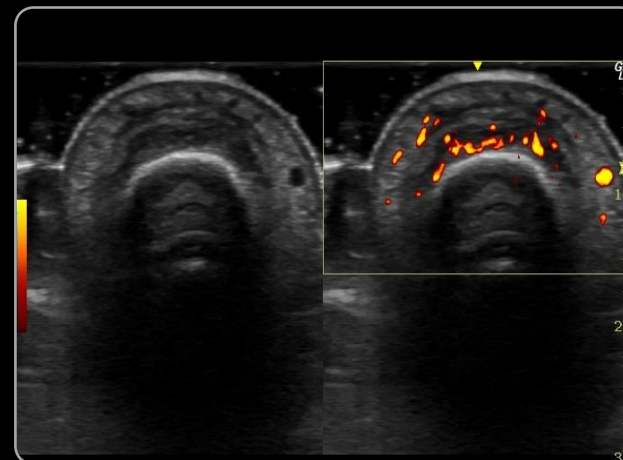


Needle Recognition toggled On and Off
using the L4-12t-RS transducer





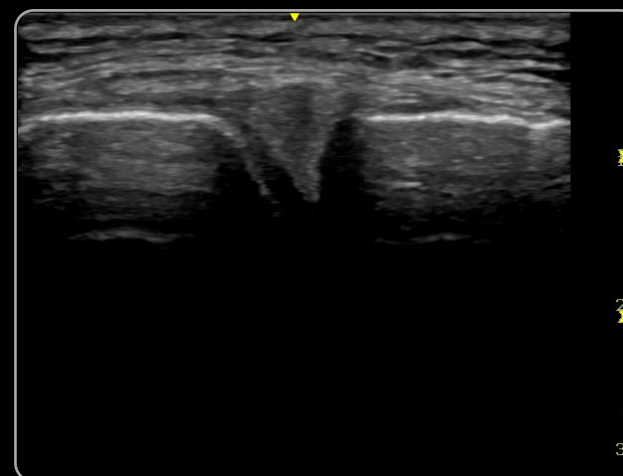
MTP joint using the L8-18i-RS



PIP joint – viewing B-mode and PD through Simultaneous Split Screen with the L8-18i-RS



Median nerve seen with the L10-22-RS



Medial knee joint demonstrating the medial meniscus using the 12L-RS



The new LOGIQ *e* Precise and Simple.



Helps increase clinical confidence for early detection and disease management.

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