

Ultrasound of the Peripheral Nerve of the Lower Limb

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Learning Objectives

- Review the Basis Anatomy and Echogenic Appearance of Commonly Evaluated Nerve Structures and Surrounding Musculoskeletal and Vascular Landmarks in the lower limb.
- Identify Common Indications for Using High Frequency Ultrasound to Evaluate Lower Limb Entrapment Neuropathies.
- Learn the Relative Utility of Using High Frequency Ultrasound in Lower Limb Entrapment Neuropathies.

Common Indications for Ultrasound of the Lower Limb

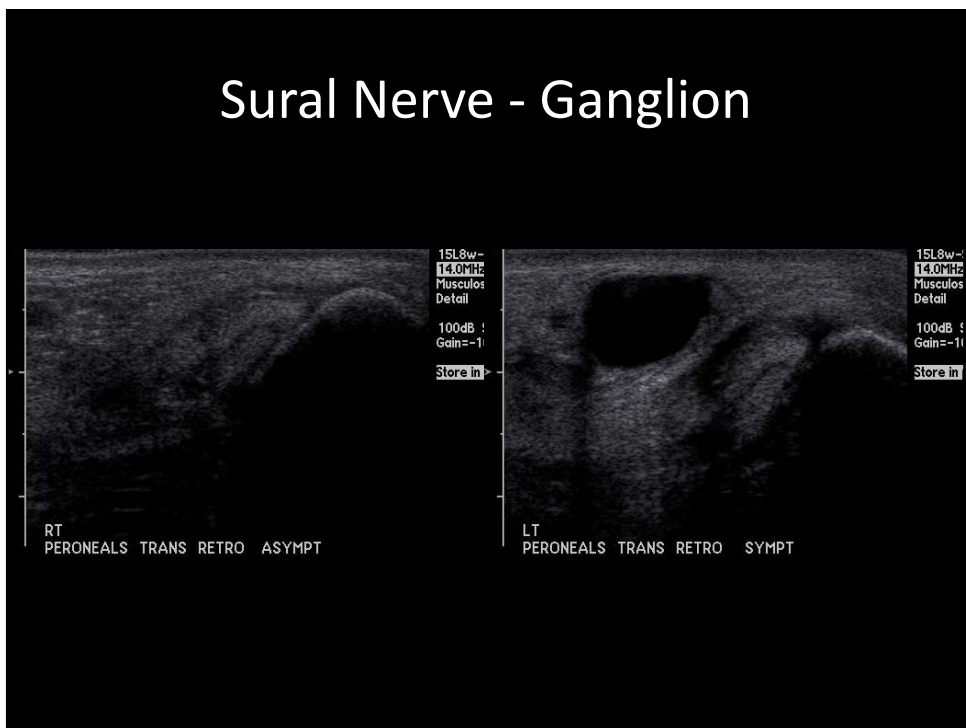
- Soft tissue injuries
- Tendon pathology (tendonopathy, tenosynovitis and tears)
- Arthritis
- Soft tissue masses or swelling
- Nerve entrapment
- Effusion
- Bone Injury
- Ligament Injury

<http://www.aium.org/publications/guidelines/musculoskeletal.pdf>

Nerves Addressed by Ultrasound in the Lower Limb

- Femoral
- Lateral femoral cutaneous
- Obturator
- Sciatic
- Saphenous
- Fibular
- Tibial
- Sural
- Morton's Neuroma

Sural Nerve - Ganglion



Sural Nerve Ganglion - Long



Sural Nerve Ganglion - Trans



Guided Injections

