

# Femoral intraneural ganglion cyst

[Ganglion cysts](#) affecting nerve are rare causes of neuropathy. The formation of [intraneural ganglion cysts](#), once controversial, has recently been clarified.

Lovaglio et al. described the first modern description of a femoral intraneural ganglion cyst at the [hip](#) region.

A patient presented with a 1 year history of radiating pain, [quadriceps muscle](#) weakness and anteromedial leg numbness was found to have a femoral intraneural cyst with a hip joint connection on MRI.

Surgical disconnection of the articular branch led to improvement of the [neuropathy](#) and resolution of the cyst on postoperative MRI.

The unifying articular (synovial) theory describes the joint origin of [intraneural ganglion cysts](#), even when they occur in unusual locations, and their propagation into the parent nerve. Knowledge of this theory can improve outcomes; surgery needs to address the joint origin or capsulolabral defect lest recurrence ensue <sup>1)</sup>.

<sup>1)</sup>

Lovaglio AC, Mansilla B, Cejas C, Spinner RJ, Socolovsky M. Femoral intraneural ganglion cyst: the first confirmed case report. Br J Neurosurg. 2020 Nov 5:1-3. doi: 10.1080/02688697.2020.1842853. Epub ahead of print. PMID: 33151109.

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