

Neuromuscular ultrasound – a better eye on muscle and nerves

Abstract

In this talk the recent advances in muscle and nerve imaging with ultrasound will be highlighted. We focus on their added value in the diagnosis of inflammatory neuropathy and focal mononeuropathies, including those that many neurologists were unsure if they existed such as tarsal tunnel syndrome and neurogenic thoracic outlet syndrome. The use of nerve ultrasound will be discussed in the diagnosis and treatment of patients with traumatic or iatrogenic nerve injury. Finally we will touch upon the use of muscle ultrasound as a screening tool in children with a neuromuscular disorder, and its added value in the workup of patients suspected of having ALS.