



INTERGRATED NEUROMUSCULAR ULTRASOUND- ELECTRODIAGNOSTIC COURSE - A FOCUS ON FOCAL MONONEUROPATHIES

Course information

Code number:	SC0013
Title:	INTERGRATED NEUROMUSCULAR ULTRASOUND- ELECTRODIAGNOSTIC COURSE - A FOCUS ON FOCAL MONONEUROPATHIES
Faculty:	Prof Eman Tawfik, Physical Medicine and Rehabilitation Specialist at the University of Cairo, AAPM&R Certified
Venue:	Panorama Hotel Analipseos 26 Panorama, Thessaloniki, PC 55236, Greece
Date:	12.12.26
Level of education:	Advanced

Contact information

Scientia Edu
Ethnikis Antistasis 18
62122 Serres
Greece

Tel: +30 697 581 0741
email: info@scientiaedu.gr

Course pre-requisites

MD Degree from an internationally approved Faculty of Medicine

Course description

Neuromuscular Ultrasound (MNUS) has become an essential diagnostic tool in any modern electromyography (EMG) lab. It provides important structural information, that complements the functional information obtained via electrodiagnostic studies and reveals findings that can impact diagnosis and management.

During this one-day, english speaking, course we will cover the electrodiagnostic and neuromuscular ultrasound approaches to focal mononeuropathies, as the most common cause of referral to EMG labs.

Learning objectives

- Understanding the fundamental principles of ultrasound physics
 - Optimizing image quality and adjusting ultrasound equipment appropriately
 - Understanding the ultrasound anatomy of peripheral nerves and carpal, cubital tunnel
 - Identifying the normal sonographic appearance of peripheral nerves, tendons and muscles, including cross-sectional area and echogenicity
 - Identifying anatomical landmarks and positions used for spatial orientation
 - Becoming familiar with the ultrasound and electrophysiological approach to the most common focal mononeuropathies
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Suggested Course Material

H. Tsuchida. MUSCLES & NERVES - Technical Ultrasound Handbook of the Forearm, Wrist and Hand (Series 1): An Ultrasound Tracing Atlas (Structured Approach, Band 1). Hajime Tsuchida Pub.

S. Peer, H. Gruber. Atlas of Peripheral Nerve Ultrasound: With Anatomic and MRI Correlation. Springer

A. Kerasnoudis - Neuromuscular Ultrasound -before kick off-.

Ebook, Scientia Edu Publication