1. Record Nr. UNINA9910810510503321

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Titolo	Ultrasound evaluation of focal neuropathies : correlation with electrodiagnosis / / Jeffrey A. Strakowski
Pubbl/distr/stampa	New York, : Demos Medical, c2013
ISBN	1-61705-115-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (473 p.)
Disciplina	616.85/607547
Soggetti	Entrapment neuropathies - Ultrasonic imaging Electrodiagnosis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Foreword; Preface; Acknowledgments; 1 Introduction; Peripheral Nerves and Focal Neuropathies; Clinical Assessment of Peripheral Nerves; History; Physical Examination; Marriage of Ultrasound and Electrophysiology; Other Imaging; Plain Radiographs; Computed Tomography; Magnetic Resonance Imaging; Terminology; Training; References; 2 Electrodiagnostic Assessment of Peripheral Neuropathies; Introduction; General Electrodiagnostic Concepts; Nerve Conduction Studies; Needle Electromyography; Evaluation at Rest; Insertional Activity; Spontaneous Activity Motor Unit RecruitmentMotor Unit Action Potential; The Electrodiagnostic Report; Combining Electrodiagnostics with Imaging Studies; References; 3 Introduction to High-Frequency Ultrasound; Introduction to Ultrasound; History; Advantages of Ultrasound as a Soft-Tissue Imaging Modality; Physics of Ultrasound; Sound Waves; Artifacts; Instrumentation and Image Optimization; Scanning Technique; Ergonomics and Patient Positioning; Orientation of the Screen; Other Practical Scanning Considerations; Evaluation of Different Tissues; Skin and Fat; Tendon; Muscle; Bone; Interface with Electrophysiology Principles of Ultrasound Guided InjectionsGuided Injection Technique; References; 4 Ultrasound Evaluation of Peripheral Nerves; Evaluation of Peripheral Nerve; Normal Nerve; Abnormal Nerve; Interface with

Electrophysiologic Testing; Tumors that Can Affect Peripheral Nerves; Intraneural Ganglia; Extraneural Ganglia; Peripheral Nerve Sheath Tumors; Ultrasound-Guided Nerve Blocks; References; 5. Evaluation of the Brachial Plexus and Thoracic Outlet; Brachial Plexus; Normal Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation
Normal Echotexture and Scanning TechniquesThoracic Outlet Compression; Anatomy; Clinical Conditions; Electrodiagnostic Evaluation; Other Imaging; Ultrasound Evaluation; Neuralgic Amyotrophy (Aka Parsonage-Turner Syndrome-Aka Idiopathic Brachial Plexopathy); Anatomy; Clinical; Electrodiagnostic Evaluation; Ultrasound Evaluation; References; 6. Evaluation of Nerves About the Neck and Shoulder; Spinal Accessory Nerve; Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; Phrenic Nerve; Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation
Long Thoracic NerveAnatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; Suprascapular Nerve; Normal Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; Axillary Nerve; Normal Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; Musculocutaneous Nerve; Normal Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; Medial Cutaneous Nerveof the Forearm; Normal Anatomy; Clinical Assessment; Electrodiagnostic Evaluation; Ultrasound Evaluation; References
7. Evaluation of the Radial Nerve

Sommario/riassunto

Taking a ""how-to"" approach, the author meticulously describes the clinical evaluation of the peripheral nerves throughout the body using high-frequency ultrasound. The book opens with an introduction to the basics of ultrasound physics, instrumentation, and image optimization, scanning non-neurologic tissue, pertinent anatomy and anatomic variations, and normal and pathologic findings. The remainder of the text is a highly visual tour through the multiple nerves of the shoulder, neck, and upper and lower limbs, focusing on sonographic technique and acquisition and interpretation of findings.