

Basics of Nerve Conduction Studies

- Basics of Nerve Conduction Studies - *Sanjeev D. Nandedkar, PhD*
- Specific Motor Conduction Studies - *Michael P. Bowley, MD, PhD*
- Specific Sensory Conduction Studies - *Michael P. Bowley, MD, PhD*
- Evaluation of Neuromuscular Junction - *William S. David, MD, PhD*

Basics of Electromyography

- EMG: Spontaneous - *William S. David, MD, PhD*
- EMG: Voluntary - *William S. David, MD, PhD*
- EMG: Anatomy, Needle Placement - *Thomas I. Cochrane, MD, MBA*

Special Techniques

- Autonomic Testing - *William S. David, MD, PhD*
- Decomposition-Based Quantitative EMG / Motor Unit Number Estimation - *Sanjeev D. Nandedkar, PhD*
- Nerve Ultrasound - *Amanda C. Guidon, MD*

Clinical Applications for Electrodiagnostic Medicine

- Focal Mononeuropathies in the Arm - *Steven A. Greenberg, MD*
- Upper Extremity Plexopathies / Radiculopathies - *William S. David, MD, PhD*
- Focal Mononeuropathies in the Leg - *Thomas I. Cochrane, MD, MBA*
- Lower Extremity Plexopathies / Radiculopathies - *Thomas I. Cochrane, MD, MBA*

Motor Neuron Diseases

- Amyotrophic Lateral Sclerosis - *James D. Berry, MD, MPH*
- Atypical Motor Neuron Disorders: Upper and Lower Motor Neuron - *David A. Chad, MD*
- Spinal Muscular Atrophy - *Kathryn Swoboda, MD*

Polyneuropathies

- Approach to Neuropathy - *Thomas I. Cochrane, MD, MBA*
- Charcot-Marie-Tooth and Other Hereditary Disorders - *Vera Fridman, MD*
- Guillain-Barré Syndrome and Related Disorders - *David A. Chad, MD*
- Chronic Inflammatory Demyelinating Polyneuropathy and Related Disorders - *David A. Chad, MD*
- Neuropathies Associated with Systemic Disease and Cancer - *Vera Fridman, MD*
- Toxic Polyneuropathies - *Mohammad Kian Salajegheh, MD*

Neuromuscular Junction Disorders

- Myasthenia Gravis - *Amanda C. Guidon, MD*
- Congenital, Lambert-Eaton Myasthenic Syndrome, Botulism - *Amanda C. Guidon, MD*

Myopathies

- Approach to Myopathy - *Anthony A. Amato, MD*
- Muscular Dystrophies - *Anthony A. Amato, MD*
- Congenital Myopathies - *Basil T. Darras, MD*
- Metabolic Myopathies - *Anthony A. Amato, MD*
- Mitochondrial Disorders - *Anthony Amato, MD*
- Muscle Channelopathies - *Mohammad Kian Salajegheh, MD*
- Inflammatory Myopathies - *Steven A. Greenberg, MD*
- Myopathies Associated with Systemic Disease and Toxic Myopathies - *Anthony A. Amato, MD*

Special Topics

- Approach to the Floppy Infant - *Basil T. Darras, MD*
- Muscle and Nerve Histopathology - *Anthony A. Amato, MD*

- Neuromuscular Mimics - *Erik R. Ensrud, MD*
- Rehabilitation of Neuromuscular Disorders - *Sabrina Paganoni, MD, PhD*
- Injection Therapies (Botulinum Toxin) - *Nutan Sharma, MD, PhD*