

Περιεχόμενα:

PART 1 Basic Science

1. Neurophysiology
2. Technology
3. Approach to Data Interpretation
4. Common Artifacts and Their Physics
5. Best Practices

PART 2 Electroencephalography

6. Physiology of Electroencephalography
7. Technical Aspects of the Electroencephalography
8. Normal Electroencephalography
9. Abnormal Electroencephalography
10. Seizures
11. Pediatric Electroencephalography
12. Electroclinical Syndromes
13. Nonepileptic Disorders
14. Special Studies in Electroencephalography

PART 3 Nerve Conduction Studies and Electromyography

15. Physiology of Nerve Conduction Study and Electromyography
16. Methods
17. Approach to Clinical Questions
18. Neuropathies
19. Myopathies
20. Neuromuscular Junction Defects

PART 4 Evoked Potentials an Intraoperative Neurological Monitoring

21. Overview
22. Visual Evoked Potentials
23. Brainstem Auditory Evoked Potential
24. Somatosensory Evoked Potential
25. Motor Evoked Potential
26. Electromyography and Cranial Nerve Monitoring in IONM
27. Electroencephalography, Cortical Mapping, and Anesthetic Considerations in IONM

PART 5 Polysomnography

28. Sleep Physiology
29. Polysomnography Methods
30. Polysomnography in Sleep Disorders

PART 6 Autonomic Testing

31. Neuroanatomy of the Autonomic Nervous System
32. Autonomic Testing