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Altri autori (Persone)	RubensElayna Orcutt (MSKCC.)
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Nota di contenuto	Cover; Title; Copyright; Contents; Contributors; Preface; Share A Practical Approach to Neurophysiologic Intraoperative Monitoring: Second Edition; I: Basic Principles; Chapter 1: Introduction to the Operating Room; Aseptic Technique; Personnel; Equipment; Preparation and Planning; Safety; Etiquette and Follow-Up; Documentation; References; Chapter 2: Somatosensory Evoked Potentials; Clinical Anatomy; Methodology; Clinical Applications; Shortcomings; Acknowledgment; References; Chapter 3: Motor Evoked Potentials; Clinical Anatomy; Methodology; Clinical Applications Shortcomings and Safety IssuesReferences; Chapter 4: Brainstem Auditory Evoked Potentials; The Baep Waveform; Clinical Anatomy; Methodology; Clinical Applications; Shortcomings; References; Chapter 5: Electroencephalography; Clinical Anatomy and Physiology; Methodology; Shortcomings; References; Chapter 6: Electromyography; Clinical Anatomy; Methodology; Clinical Applications; Shortcomings; References; Chapter 7: Anesthetic Considerations; Principles of Anesthesia; Nonpharmacologic Factors; Effects of Specific Anesthetic Agents; Anesthetic Techniques; References; II: Clinical Methods

Chapter 8: Vertebral Column Surgery; Clinical Anatomy; Pathology and Pathophysiology; Surgical Considerations; Neurophysiologic Intraoperative Monitoring Paradigm; Interpretation and Warning Criteria; Utility of Neurophysiologic Intraoperative Monitoring; Proposed Neurophysiologic Intraoperative Monitoring Paradigm; Technical Considerations; Future Directions; References; Chapter 9: Spinal Cord Surgery; Clinical Anatomy; Pathology: Spinal Cord Tumors; Symptoms and Diagnostic Evaluation; Surgical Considerations; Neurophysiologic Intraoperative Monitoring Paradigm; Utility of Neurophysiologic Intraoperative Monitoring; Technical Considerations; References; Chapter 10: Lumbosacral Surgery; Anatomy and Pathophysiology; Surgical Considerations; Neurophysiologic Intraoperative Monitoring Paradigm; Technical Considerations; References; Chapter 11: Tethered Cord Surgery; Anatomy; Pathophysiology; Symptoms; Surgical Considerations; Neurophysiologic Intraoperative Monitoring Paradigm; Utility of Neurophysiologic Intraoperative Monitoring in Tethered Cord Syndrome Surgery; Proposed Paradigm for Neurophysiologic Intraoperative Monitoring in Tethered Cord Syndrome Surgery; Technical Considerations; Future Directions; References; Chapter 12: Selective Dorsal Rhizotomy; Clinical Anatomy; Pathology/Pathophysiology; Symptoms; Surgical Considerations and Neurophysiologic Intraoperative Monitoring; Utility of Neurophysiologic Intraoperative Monitoring; Proposed Neurophysiologic Intraoperative Monitoring Paradigm; Technical Considerations; Future Directions; References; Chapter 13: Peripheral Nerve Surgery; Clinical Anatomy; Pathophysiology; Symptoms; Surgical Considerations

Sommario/riassunto

This book fills a much-needed niche in NIOM and is a valuable addition to the library of those specialties and a useful tool for practitioners. The book will be a frequently referenced textbook for all professionals in NIOM, who will find this book invaluable. By referencing to the book, I believe that neurophysiology trainees and technologists will gain much insight into the operation of NIOM; surgeons and anesthesiologists will appreciate what the NIOM may offer in improving surgical outcomes; and the laboratory managers will find materials that will help them set up laboratory policies, pro
