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	1 Introduction to the Operating Boom 2 Anatomy of Intraoperative
Nota di contenuto	 1. Introduction to the Operating Room 2. Anatomy of intraoperative Monitoring 3. Cellular Neurophysiology 4. Electrophysiology and Bioinstrumentation 5. Anesthesiology and Intraoperative Electrophysiological Monitoring 6. Somatosensory Evoked Potential Monitoring 7. Motor Evoked Potentials 8. Electromyography (EMG) 9. Brainstem Auditory Evoked Potentials 10. Electroencephalography 11. The H-Reflex and F-Response 12. Monitoring Procedures of the Spine 13. Intraoperative Monitoring for Surgery of the Spinal Cord and Cauda Equina 14. Monitoring Posterior Fossa Craniotomies 15. Intraoperative Monitoring for Carotid Endarterectomy 16. Monitoring for ENT Procedures 17. Peripheral Nerve Monitoring 18. Intraoperative Cortical Mapping:
Sommaria/riassurate	Basic Concepts, Indications, and Anesthesia Considerations 19. Neurological Assessment and Correlation in Spinal Cord Nerve Root Pathology 20. Electrophysiological Assessment of Spinal Cord Pathology in Pain Medicine 21. Spinal Cord Stimulation: Principles and Applications 22. New Vistas: Small-Pain-Fibers Method of Testing for Spinal Cord Assessment in Pain States.

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monitoring (IOM) and is written for the range of clinicians who monitor the function of the nervous system during surgery, from new technologists to neurophysiologists and neurosurgeons. Early chapters describe the building blocks of IOM in accessible terms and are followed by practical chapters on monitoring and mapping that show basic and clinical science "in action". Anesthesiologists and trainees with an interest in diagnosing and managing pain will appreciate the inclusion of chapters on the electrophysiological assessment of spinal cord pathology and on the treatment of pain. Principles of Neurophysiological Assessment, Mapping, and Monitoring is designed for use as a text in academic courses or in corporate training programs. It also provides a concise refresher for experienced clinicians and for physicians, neurophysiologists, and technologists preparing for board exams.