1. Record Nr. UNINA9910452517703321

Titolo Fundamentals of neuroanesthesia: a physiologic approach to clinical

practice / / edited by Keith J. Ruskin, Stanley H. Rosenbaum, Ira J.

Rampil

Pubbl/distr/stampa Oxford:,: Oxford University Press,, 2014

ISBN 0-19-938709-5

0-19-933631-8

Descrizione fisica 1 online resource (385 p.)

Altri autori (Persone) RuskinKeith

RosenbaumStanley H

Rampillra J

Disciplina 617.9/6748

Soggetti Anesthesia

Nervous system - Surgery

Electronic books.

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; Contents; Preface; Acknowledgments; Contributors; 1. Central

Nervous System Anatomy; 2. Therapeutic Control of Brain Volume; 3. Monitoring Cerebral Blood Flow and Metabolism; 4. Neuromonitoring

Basics: Optimizing the Anesthetic; 5. Cerebral Ischemia and

Neuroprotection; 6. Neuroimaging Techniques; 7. Pharmacology of Intravenous Sedative-Hypnotic Agents; 8. Pharmacology of Opioids; 9. Inhaled Anesthetics; 10. Neuromuscular Blockade in the Patient with Neurologic Disease; 11. Fluid Management in the Neurosurgical Patient;

12. Intracranial Tumors; 13. Pituitary and Neuroendocrine Surgery

14. Anesthesia for Skull Base and Neurovascular Surgery15. Anesthesia for Stereotactic Radiosurgery and Intraoperative Magnetic Resonance Imaging; 16. Awake Craniotomy; 17. Anesthesia for Posterior Fossa Surgery; 18. Surgery for Epilepsy; 19. Severe Traumatic Brain Injury; 20. Spinal Surgery; 21. Interventional Neurovascular Surgery; 22. Carotid

Endarterectomy and Carotid Artery Bypass; 23. Positioning for

Neurosurgery; 24. Airway Management for the Patient with an Unstable Cervical Spine; 25. Neurosurgery in Pediatrics; 26. Acute Care Surgery

in the Critically III Neurosurgical Patient

27. Occlusive Cerebrovascular Disease-Perioperative Management28. Neurosurgical Critical Care; 29. Ethical Considerations and Brain Death; 30. Quality Management and Perioperative Safety; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; V; W; X; Z

Sommario/riassunto

Neurosurgical procedures are becoming more common and are taking place in the operating room and in interventional suites. Procedures that used to be performed only at major academic institutions are also being done in small community hospitals, and anesthesiologists in private practice are being asked to care for these patients. In many cases, treatment options are controversial or rapidly evolving. Close cooperation between the anesthesiologist and neurosurgeon is essential to achieve optimal outcomes and early recognition of any adverse events so appropriate therapy can be implemented. Fund