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Nota di contenuto	A Practical Approach to Neuroanesthesia -- Contributors -- Preface -- Foreword -- Contents -- Brain Metabolism, Cerebral Blood Flow, and Cerebrospinal Fluid -- Anesthetic Effects on Cerebral Blood Flow and Metabolism -- Fluid Management During Neurosurgical Procedures -- Routine Craniotomy for Supratentorial Masses -- Emergency Craniotomy -- Posterior Fossa Tumor Surgery -- Carotid Endarterectomy -- The Pituitary Gland - Considerations in the Adult -- Intracranial Aneurysms -- Intracranial Arteriovenous Malformations (AVMs) -- Neurosurgical Procedures and Chronic Pain -- Anesthesia for Spinal Cord Injury Surgery -- Anesthesia for Intramedullary Spinal Cord Tumors -- Functional Neurosurgery -- The Approach to the Pediatric Neurosurgical Patient -- Pediatric Congenital Lesions -- Chiari Malformation -- Craniofacial Surgery -Pediatric Considerations- - Epilepsy Surgery -- Pediatric Neurovascular Lesions -- Sitting Position during Surgery -- Air Embolism -- Stroke and Brain Protection -- Anesthetic-induced Neurotoxicity -- Neurosurgery in the Pregnant Patient -- Electrophysiologic Monitoring (EEG and Evoked Potentials)Intracranial Pressure Monitoring -- Other Monitoring Techniques: Jugular Venous Bulb, Transcranial Doppler, and Brain

Tissue Oxygen Monitoring -- Traumatic Brain Injury -- Intensive Care of Spinal Cord Injury in Adults -- Coma and Brain Death -- Index.

Sommario/riassunto

A Practical Approach to Neuroanesthesia is the latest addition in the Practical Approach to Anesthesiology series. This important volume provides updated information on the approach and management for both adult and pediatric patients' physiology dealing with neurosurgical conditions. The outline format with key concepts provides rapid access to clear diagnostic and management guidance for a broad range of neurosurgical and neuroanesthesiology procedures as well as neurocritical care problems. Each chapter provides a comprehensive review of clinical practice focusing on key points, clinical pearls, and key references. This new text provides expert recommendations on critical pre-operative, intra-operative and post-operative care for both adult and pediatric patients undergoing neurosurgical and neuroradiologic procedures. A Practical Approach to Neuroanesthesia is a concise, portable reference suitable for use by anesthesia residents and fellows, practicing anesthesiologists, nurse anesthetists, and anesthesiologist assistants.
