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Nota di contenuto	Pre-Hospital Transportation and Optimal Utilization of Resources -- To Treat or Not to Treat: Early Withdrawal of Therapy and the Limits of Prognostic Ability -- Use of Multimodality Neuromonitoring in the Management of Traumatic Brain Injury -- Choice of Intracranial Pressure Monitoring Modality: Parenchymal Monitor vs. Parenchymal Monitor with Brain Tissue Oxygen Monitor vs. External Ventricular Drain -- Oxygen Management and Prevention of Cerebral Ischemia -- What is the Optimal Sedative Regimen in Severe Traumatic Brain Injury Patients? -- Fluid and Electrolyte Management: Hyperosmolar Euvolemia and the Use of Hypertonic Saline for Intracranial Hypertension -- Pituitary and Other Hormonal Derangements in Severe Traumatic Brain Injury -- Management to Optimal Parameters: Euboxia? -- Nutrition: Time to Revisit? -- Deep Vein Thrombosis and Venous Thromboembolism Prophylaxis in Traumatic Brain Injury: Current Treatment Options and Controversies -- Treatment of Anemia -- Timing of Extracerebral Operations in Severe Traumatic Brain Injury Patients -- Optimal Treatment of Dysautonomia -- Use of Consciousness-Enhancing Medications in the Traumatic Brain Injury Patient -- Management of Traumatic Brain Injury in the Face of Antithrombotic Medication

Therapy -- Use of Guidelines in the Management of Traumatic Brain Injury -- Functional Neurosurgery for Sequelae of Traumatic Brain Injury -- The Future of Clinical Trials in Traumatic Brain Injury -- Who's My Doctor? Team-Based Management.

Sommario/riassunto

This book addresses the current levels of evidence for management of a variety of critical parameters after severe traumatic brain injury (TBI), as well as providing the reader with practical approaches to care based upon existing evidence. As the management of severe traumatic brain injury remains one of the most complicated and controversial areas of neurosurgery, trauma care and critical care medicine, it will serve as a helpful reference and guide to the impact of potential therapeutic interventions. Each chapter is organized by the proposal of a commonly encountered clinical question, addressing the current evidence for a variety of treatments, outlining the relevant questions on the topic that have not been adequately addressed in the literature, summarizing the options for treatment and the level of evidence upon which each is based, and finally proposing questions yet to be addressed in the literature. The text identifies ongoing questions for future research relevant to the topic at hand as well as providing a comprehensive educational reference for resident and fellowship training. *Controversies in Severe Traumatic Brain Injury Management* will become an invaluable resource and data point for neurosurgeons, neurointensivists, trauma surgeons and other healthcare professionals involved in the care and treatment of TBI patients.
