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Note generali	Description based upon print version of record.
Nota di contenuto	Introduction -- Basic Neuroanatomy -- Basic Neuroradiology / Diagnostic Radiology -- Basic Neurophysiology -- CNS Disease: An Overview -- CNS Neoplasia -- CNS Vascular Disease -- Basic Endovascular Neurosurgery / Interventional Radiology -- CNS Trauma -- Spinal Neurosurgery -- Stereotactic And Functional Neurosurgery (including epilepsy) -- Pediatric Neurosurgery -- CNS Infections -- Neurological Disorders / Emergencies -- Part 2: Neuro-Intensive Care: General Issues -- Pre-Hospital Care -- Brain Resuscitation after Cardiac Arrest -- The Airway, Ventilation, and Oxygenation -- Cardiac Care -- Fluid and Electrolytes -- Pulmonary Care and Respiratory Failure -- Nutrition -- Monitoring -- Neuropharmacology -- Intrafacility Transportation -- Part 3: Neuro-intensive Care: Specific Problems --

Intra-operative and Immediate Post-operative Neuroanesthesia --
Elevated Intracranial Pressure -- Seizures -- Altered Mental Status --
Multi-System, Head and Spinal Cord Trauma -- Neuro-Rehabilitation
-- Humanity and Ethics in the Neurologically Injured Patient -- Part 4:
The Future of Neuro-Intensive Care -- Brain Protection -- Gene
Therapy.

Sommario/riassunto

Listening to an injured brain is not easy. It takes knowledge, dedication, and understanding of the critically ill patient and their family. It takes an appreciation of the logistics of care in these difficult times of imbalance between more and sicker patients and fewer medical specialists. The impact of the right personnel, whose interest and training is in neurocritical care, has shown promise, both in terms of improving patient outcome and quality. The editors have updated this second edition with the latest knowledge and trends. Gathering together a group of international experts who champions the three characteristics – Patient and Family Centered High Quality Care, Education, and Discovery – needed in our Neuro-ICUs, the editors present to the reader a comprehensive textbook of neurocritical care, incorporating best practice / evidence-based medicine and performance improvement. This book is not an effort to embellish the shelf of a medical library; it is a practical bedside friend to be used to improve the neurological outcomes of those for whom we are honored to care: our patients. .