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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I. Pediatric Sedation Outside the Operating Room -- 1. The History of Sedation -- 2. Sedation Policies, Recommendations and Guidelines Across the Specialties and Continents -- 3. Procedural Sedation: Let's Review the Basics -- 4. The Pre-Sedation Assessment and Implications on Management -- 5. Sedation Scales and Discharge Criteria: How Do They Differ? Which One to Choose? Do They Really Apply to Sedation? -- 6. Physiological Monitoring for Procedural Sedation: The Routine and Beyond -- 7. The Pediatric Airway: Anatomy, Challenges and Solutions -- 8. Pediatric Physiology: How Does It Differ from Adults? -- 9. The Pharmacology and Clinical Application of Sedatives, Analgesics, and Adjuncts -- 10. Sedatives: Effects on Memory and Amnesia -- 11. Pharmacokinetics and Pharmacodynamics in the Pediatric Population --

12. Billing and Reimbursement for Sedation Services in the United States -- Part II. Sedation Models Delivered by Different Specialties: A Global Voyage -- 13. The Pediatric Hospital Medicine Service: Models, Protocols and Challenges -- 14. The Anesthesia Directed Sedation Service: Models, Protocols and Challenges -- 15. Sedation in the Neonatal Intensive Care Unit: International Practice -- 16. Sedation in the Pediatric Intensive Care Unit: Challenges, Outcomes and Future Strategies in the United States -- 17. Sedation in the Pediatric Intensive Care Unit: Current Practice in Europe -- 18. Sedation for Pediatric Gastrointestinal Procedures -- 19. Sedation in the Emergency Department: A Complex and Multifactorial Challenge -- 20. Sedation of Pediatric Patients for Dental Procedures: The United States, European and South American Experience -- 21. Pediatric Sedation: The European Experience and Approach -- 22. Pediatric Sedation: The South American Approach -- 23. Pediatric Sedation: The Asian Approach – Current State of Sedation in China -- 24. Pediatric Sedation: The South Pacific Approach -- 25. Pediatric Sedation in the Underdeveloped Third World – An African Perspective: Models, Protocols and Challenges -- Part III. Safety in Sedation -- 26. Pediatric Sedatives and the Food and Drug Administration (FDA): Challenges, Limitations and Drugs in Development -- 27. Is there Evidence for Long-term Neurocognitive Effects of Sedatives? -- 28. Incidence and Stratification of Adverse Events Associated with Sedation: Is there a Benchmark? -- 29. Medicolegal Risks and Outcomes of Sedation -- 30. Improving the Safety of Pediatric Sedation – Human Error, Technology and Clinical Microsystems -- Part IV. Sedation into the 22nd Century -- 31. Intravenous Infusions for Sedation: Rationale, State of the Art and Future Trends -- 32. Usage of Complementary and Alternative Medicine in Pediatric Sedation -- 33. Pediatric Research: Designing, Implementing, and Interpreting Strong Trials -- 34. Non-pharmacological Distraction Techniques as Sedation Adjunct -- 35. The Role of Simulation in Safety and Training -- 36. Michael Jackson: Medical Ethics and What Went Wrong -- 37. Ethics and Clinical Aspects of Palliative Sedation in the Terminally Ill Child -- 38. Future of Pediatric Sedation.

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## Sommario/riassunto

This is a major revision, updating, and expansion of the leading single-source volume on pediatric sedation outside of the operating room. Edited and written by an international roster of outstanding experts, it is the only book aimed at the broad range of specialists who deliver pediatric sedation in the non-OR setting. The Second Edition features a significant expansion of contributions from international leaders and individual new chapters on pre-sedation assessment; sedatives' short- and long-term effects on neurocognition; non-pharmacologic distractions; Michael Jackson's death and medical ethics; the role of simulation in safety and training; and palliative sedation in terminally ill children. The specialty-specific chapters continue to be geared toward all sedation providers, regardless of where they practice, and patient safety is again emphasized. Fundamental chapters provide in-depth reviews of topics which include, among others, physiology and pharmacology. The book presents the latest guidelines across the specialties, both in the United States and abroad, and noteworthy, ongoing research endeavors. From reviews of the First Edition: "This meritorious volume is a splendid collection of materials from highly experienced authors...I will make extensive use of this reference as the academic medical center in which I work continues to build sedation practices and assess credentialing/privileging aspects for professionals of all fields." —Joseph R. Tobin, MD in *Journal of the American Medical Association* "Brings together sedation practice from a broad range of

specialties into one well-written pediatric text...I will certainly be using this book as a reference text in the future.” — Pediatric Anesthesia “The first [text] directed at all specialists that treat children who require some sedation...also recognizes the contributions to pediatric sedation of many international societies and governmental organizations...It should be on the shelves of all office-based practices.” —Journal of Neurosurgical Anesthesiology.

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