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Nota di contenuto	Foreword -- Introduction/Preface -- PART I – INTRODUCTION TO SIMULATION FOR PEDIATRICS -- 1. Cognitive Load and Stress in Simulation -- 2. Essentials of Scenario Building for Simulation-based Education -- 3. Essentials of Debriefing and Feedback -- 4. Simulation-based Team Training -- 5. The Role of Simulation for Improving Patient Safety -- 6. Systems Integration, Human Factors and Simulation -- 7. Assessment in Pediatric Simulation -- PART II – PEDIATRIC SIMULATION MODALITIES, TECHNOLOGIES AND ENVIRONMENTS -- 8. Standardized Patients -- 9. Screen-based Simulation, Virtual Reality and Haptic Simulators -- 10. Mannequin-based Simulators and Task Trainers -- 11. Task and Procedural Skills Training -- 12. In Situ Simulation -- PART III – PEDIATRIC SIMULATION FOR PROFESSIONAL DEVELOPMENT -- 13. Simulation along the

Pediatric Healthcare Education Continuum -- 14. Simulation Curriculum Development, Competency-based Education and Continuing Professional Development -- 15. Interprofessional Education -- PART IV – PEDIATRIC SIMULATION SPECIALTIES -- 16. Simulation for Pediatric Hospital Medicine -- 17. Simulation for Pediatric Emergency Medicine and Trauma -- 18. Simulation for Neonatal Care -- 19. Simulation for Pediatric Critical Care Medicine and Transport -- 20. Simulation for Pediatric Disaster and Multiple Casualty Incident Training -- 21. Simulation for Pediatric Anesthesia -- 22. Simulation for Pediatric Surgery and Surgical Specialties -- 23. Simulation for Teaching Communication Skills -- 24. Simulation for Rural Communities -- 25. Simulation in Resource Limited Settings -- 26. Simulation for Patient- and Family-Centered Care -- PART V – PEDIATRIC SIMULATION PROGRAM DEVELOPMENT -- 27. Simulation Operations and Administration -- 28. Simulation Education Program Development -- 29. Simulation Research Program Development -- PART VI – PEDIATRIC SIMULATION RESEARCH -- 30. Simulation Research -- PART VII – THE FUTURE OF PEDIATRIC SIMULATION -- 31. The Future of Pediatric Simulation. .

Sommario/riassunto

This is a practical guide to the use of simulation in pediatric training and evaluation, including all subspecialty areas. It covers scenario building, debriefing and feedback, and it discusses the use of simulation for different purposes: education, crisis resource management and interdisciplinary team training, competency assessment, patient safety and systems integration. Readers are introduced to the different simulation modalities and technologies and guided on the use of simulation with a variety of learners, including medical students, residents, practicing pediatricians, and health-related professionals. Separate chapters on each pediatric subspecialty provide practical advice and strategies to allow readers to integrate simulation into existing curriculum. Pediatric subspecialties covered include: General Pediatrics, Pediatric Emergency Medicine and Trauma, Neonatology, Pediatric Critical Care Medicine, Transport Medicine, Pediatric Anesthesia, and Pediatric Surgery amongst many others. Comprehensive Healthcare Simulation PEDIATRICS Edition is a volume in the series, Comprehensive Healthcare Simulation. The series is designed to complement Levine et al., eds., The Comprehensive Textbook of Healthcare Simulation by providing short, focused volumes on the use of simulation in a single specialty or on a specific simulation topic, and emphasizing practical considerations and guidance. .
