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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	I. Introduction to Simulation -- 1. Healthcare Simulation: From "Best Secret" to "Best Practice" -- 2. The History of Simulation (including personal memoirs) -- 3. Education and Learning Theory -- 4. The Use of Humor to Enrich the Simulated Environment -- 5. The Use of Stress in the Simulated Environment -- 6. Debriefing: Using a Structured and Supported Approach -- 7. Debriefing with Good Judgment: Technique for Formative Feedback, Reflection, and Behavior Change in Healthcare Simulation -- 8. Crisis Resource Management -- 9. Patient Safety -- 10. Systems Integration: Engineering the Future of Healthcare Delivery via Simulation -- 11. Competency Assessment -- 12. Simulation for Licensure and Certification -- II. Simulation Modalities and Technologies -- 13. Standardized Patients -- 14. Computer and Web Based Simulators -- 15. Manikin Based Simulators -- 16. Virtual

Reality, Haptic Simulators, and Virtual Environments -- III. Simulation in Healthcare Disciplines -- 17. Simulation in Anesthesiology -- 18. Simulation in Non-Invasive Cardiology -- 19. Simulation in Cardiothoracic Surgery -- 20. Simulation in Emergency Medicine -- 21. Simulation in Dentistry/Oral Health -- 22. Simulation in Family Medicine -- 23. Simulation in General Surgery -- 24. Simulation in Gastroenterology -- 25. Simulation in Genitourinary Surgery -- 26. Simulation in Medical Education: Internal Medicine -- 27. Simulation in Military and Battlefield Medicine -- 28. Simulation in Neurosurgery and Neurosurgical Procedures -- 29. Simulation in Nursing -- 30. Simulation in Obstetrics and Gynecology -- 31. Simulation in Ophthalmology -- 32. Simulation in Orthopaedic Surgery -- 33. Simulation in Otolaryngology -- 34. Simulation in Medical Education: Pain & Palliative Care -- 35. Simulation in Pediatrics -- 36. Simulation in Psychiatry -- 37. Simulation in Pulmonary and Critical Care Medicine -- 38. Simulation in Radiology: Diagnostic Techniques -- 39. Simulation in Radiology: Endovascular and Interventional Techniques -- 40. Simulation in Basic Science Education -- IV. Professional Development in Simulation -- 41. The Clinical Educator Track for Medical Students and Residents -- 42. Simulation Fellowship Training -- 43. Specialized Courses -- 44. Continuing Education (CE) in Healthcare Simulation -- V. Program Development in Simulation -- 45. Center Development and Practical Considerations -- 46. Business Planning Considerations for a Healthcare Simulation Center -- 47. Securing Funding for Simulation Centers and Research -- 48. Program and Center Accreditation -- 49. A Future Vision -- Appendix 1. Simulation Center Sample Floorplans and Facility Pictures -- Appendix 2. Terms and Terminology.

Sommario/riassunto

The Comprehensive Textbook of Healthcare Simulation is a cohesive, single-source reference on all aspects of simulation in medical education and evaluation. It covers the use of simulation in training in each specialty and is aimed at healthcare educators and administrators who are developing their own simulation centers or programs and professional organizations looking to incorporate the technology into their credentialing process. For those already involved in simulation, the book will serve as a state-of-the-art reference that helps them increase their knowledge base, expand their simulation program's capabilities, and attract new, additional target learners. Features:

- Written and edited by pioneers and experts in healthcare simulation
- Personal memoirs from simulation pioneers
- Each medical specialty covered
- Guidance on teaching in the simulated environment
- Up-to-date information on current techniques and technologies
- Tips from "insiders" on funding, development, accreditation, and marketing of simulation centers
- Floor plans of simulation centers from across the United States
- Comprehensive glossary of terminology.
