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Titolo	Comprehensive healthcare simulation : emergency medicine // Christopher Strother [and three others] editors
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ISBN	3-030-57367-2
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVII, 293 p. 84 illus., 73 illus. in color.)
Collana	Comprehensive Healthcare Simulation
Disciplina	614.8
Soggetti	Emergency medicine - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PART I. INTRODUCTION TO SIMULATION FOR EMERGENCY MEDICINE -- 1.A Historical Perspective of Simulation in Emergency Medicine.-2. Education and Learning Theory -- 3. Simulation Scenario Development and Design in Emergency Medicine -- 4. Debriefing in Emergency Medicine -- 5. Crisis Resource Management -- 6. Interdisciplinary Teamwork Training -- 7. Simulation-based Measurement and Program Evaluation: Demonstrating Effectiveness.-8. Patient Safety.-PART II. SIMULATION MODALITIES AND TECHNOLOGIES -- 9. Standardized Participants -- 10. Virtual Environment for Education in Healthcare -- 11. Task Trainers in Emergency Care Simulation -- 12. Mannequin Simulators -- 13. Emergency Medicine Simulation Moulage.-PART III. THE PRACTICE OF EMERGENCY MEDICINE -- 14. Simulation for ED Medical Directors and Administrators -- 15. Simulation in Undergraduate Medical Education -- 16. Simulation in Graduate Medical Education -- 17. Emergency Nursing Continuing Professional Development Using Simulation -- 18. Simulation in Emergency Medical Services -- PART IV. SUBSPECIALTIES OF EMERGENCY MEDICINE -- 19. Pediatric Emergency Medicine -- 20. Trauma -- 21. EM Critical Care -- 22. Ultrasound -- 23. Disaster Medicine -- 24. Simulation in Defense and Combat Medicine -- PART V. CONCLUSION -- 25. The History, Present and Future of Healthcare Simulation.
Sommario/riassunto	This is a practical guide to the use of simulation in emergency medicine training and evaluation. It covers scenario building, debriefing, and

feedback, and it discusses the use of simulation for different purposes, including education, crisis resource management and interdisciplinary team training. Divided into five sections, the book begins with the historical foundations of emergency medicine, as well as education and learning theory. In order to effectively relay different simulation modalities and technologies, subsequent chapters feature an extensive number of practical scenarios to allow readers to build a curriculum. These simulations include pediatric emergency medicine, trauma, disaster medicine, and ultrasound. Chapters are also organized to meet the needs of readers who are in different stages of their education, ranging from undergraduate students to medical directors. The book then concludes with a discussion on the future and projected developments of simulation training. Comprehensive Healthcare Simulation: Emergency Medicine is an invaluable resource for a variety of learners, from medical students, residents, and practicing emergency physicians to emergency medical technicians, and health-related professionals.
