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Descrizione fisica	1 online resource (IX, 408 p. 30 illus. in color.)
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Soggetti	Emergency medicine Medical care Emergency Medicine Health Care
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Nota di contenuto	Simulation in Prehospital and Critical Care Transport -- Introduction to Simulation Training -- Termination of resuscitation -- Tachydysrhythmia -- Bradydysrhythmia -- Heart failure and Tachydysrhythmia -- Acute Myocardial Infarction, Cardiac Arrest with Post-Resuscitation Care -- Unstable bradycardia, Transvenous Pacing -- Ventricular tachycardia, Cardiac Arrest -- Pulseless Electrical Activity -- Hazardous Material, Mass Casualty Incident Triage -- Overdose and Refusal of Care -- Burn Care, Carbon Monoxide and Cyanide Poisoning -- Adult Respiratory Distress Syndrome -- Tracheostomy Care -- Hypoxia, Respiratory Failure -- Asthma Exacerbation and Respiratory Failure -- Respiratory Failure Requiring Extracorporeal MembraneOxygenation (ECMO) -- Hypercapnic Respiratory Failure -- Traumatic Amputation -- Maxillofacial Trauma -- Traumatic Brain Injury with Elevated Intracranial Pressures -- Spinal Cord Injury and Neurogenic Shock -- Acute Ischemic Stroke -- Acute Ischemic Stroke with Hemorrhagic Conversion -- Atraumatic Intracranial Hemorrhage -- Seizure, Status Epilepticus -- Post-Chemotherapy Nausea and Vomiting, Hypoglycemia -- Diabetic Ketoacidosis -- Sepsis, Septic Shock -- Cardiac Arrest in Pregnancy, Placental Abruption -- Preeclampsia, Eclampsia -- Maternal Postpartum Hemorrhage and

Sommario/riassunto

This book provides a standard for all Emergency Medicine Services (EMS) agencies and Critical Care Transport (CCT) programs to follow as they conduct simulation training for their crew members. Simulation-based education for pre-hospital training and skill maintenance is now standard and there is a growing need for this type of training tool. This title is an invaluable resource for EMS and CCT educators who aim to facilitate high quality simulations within their programs. The text provides guidance for running a successful simulation, including scenario charts and debriefing tips and topics. Included are over 30 simulation scenarios broken into appropriate scope of practice for EMTs, paramedics, and critical care transport crews where applicable. The book's format is such that it can be followed to create a plan for simulation training. The first section provides a guide to using the text successfully and a concise overview of the theories and best practices of simulation-based education and debriefing. Next, clinical scenarios are presented by topic, including general care, cardiology, respiratory, neurology, trauma, obstetrics, pediatrics and toxicology. Each section offers specific disease-based simulation scenarios, including supporting imaging, physical exam, and laboratory data for the EMS and CCT community to use as part of their training and education. There are also suggested learning objectives, critical actions, and debriefing topics for each scenario. This resource is not designed with a specific simulation platform in mind and can be adapted to both low- and high-fidelity simulation settings. This book is a must-have resource for emergency medicine services agencies, critical care transport programs, and educators who work with pre-hospital providers.
