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Titolo	Pediatric and Congenital Cardiac Care : Volume 2: Quality Improvement and Patient Safety // edited by Paul R. Barach, Jeffery P. Jacobs, Steven E. Lipshultz, Peter C. Laussen
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Selection, Training and Mentoring of Cardiac Surgeons -- Improving Pediatric Cardiac Care with Continuous Quality Improvement Methods and Tools -- Quality Improvement in Pediatric Cardiology: The National Pediatric Cardiology Quality Improvement Collaborative -- Teams, Team Training, and the Role of Simulation -- The Cardiac Intensive Care Unit and Operating Room Continuum: Quality and Safety in the Cardiac Intensive Care Unit -- Professional Formation of Physicians Focused on Improving Care -- Surgical Volume and Outcome Relationship in Pediatric Cardiac Surgery -- The Pediatric Perioperative Cardiac Arrest (POCA) Registry -- Reporting in Pediatric Resuscitation: Get With the Guidelines-Resuscitation Registry -- Addressing Nutrition and Growth in Children with Congenital Heart Disease -- Patients as Observers and Reporters in Support of Systems and Patient Safety -- Failure to Rescue and Failure to Perceive in

Pediatric Cardiac Surgery: Lessons Learned from Aviation -- Quality Improvement in Noninvasive Imaging—Present and Future Initiatives -- Improving Clinical Outcomes in Pediatric Cardiology -- The Impact of Continuous Quality Improvement on Pediatric Cardiac Surgery -- Leadership and Quality Improvement -- A Brief Description of the Role of the Federal Government in the Improvement of Healthcare Costs and Quality in the United States -- Lessons Learned from the Public -- Inquiry into Children's Heart Surgery at the Bristol Royal Infirmary and the English Safe and Sustainable Cardiac Review -- Lean in the Cardiac Intensive Care Unit -- Local Improvement Teams -- Implementation Science—The Next Frontier -- Leadership, Surgeon Well-Being and Other Non-Technical Aspects of Pediatric Cardiac Surgery -- Quality and Safety in a Children's Hospital -- The Children's Hospital of Michigan Quality and Safety Journey: Making Safety First and Making It Last -- Resilience and Systems Engineering -- Measuring and Assessing Adverse Medical Events -- The Role of Communication and Patient Handovers in Pediatric Cardiac Care Centers -- The Role of Technology and Medical Devices in Enhancing Pediatric Cardiac Critical Care Outcomes -- Human Factors and Outcomes in Pediatric Cardiac Surgery -- Information Management and Hospital Enterprise Information Systems -- Towards Effective Data Utilization in Congenital Cardiac Critical Care -- Clinical Decision Making -- Design of Cardiac Surgery Operating Rooms and the Impact of the Built Environment -- Simulation-Based Training to Enhance Patient Safety in Pediatric Cardiovascular Care -- Epilogue —A Vision for the Future.

Sommario/riassunto

This book is the second in a two-volume set of textbooks and focuses on quality improvement and patient safety, supporting the coverage of outcomes analysis in its sister title. There has been a huge research effort undertaken in pediatric cardiac care to understand and measure what is done, to establish collaborative definitions and tools of measurement, and to determine robust benchmarks and methodologies to analyze outcomes. This book concentrates on implementation science in terms of continuous quality improvements and safety science and systems. Pediatric and Congenital Cardiac Care: Volume 2 - Quality Improvement and Patient Safety reveals the remarkable developments that have been seen in the fields of pediatric cardiology and cardiac surgery. This unique collaboration between four Editors from disparate medical disciplines (cardiac surgery, cardiology, anesthesia, and critical care) incorporates an international community of scholarship with articles by luminaries and cutting edge thinkers on the current and future status of pediatric and congenital cardiac care. The goal of this and its companion volume is to understand and advance the profession and its activities, to use common terms, and to improve the management of risk and safety in order to enhance pediatric and congenital cardiac care.
