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Nota di contenuto	Introduction/ Paul R. Barach, Jeffrey P. Jacobs, Peter C. Laussen, Steven E. Lipshultz Introduction: The History of Statistics in Medicine and Surgery/ Eugene H. Blackstone Introduction: Using Data to Drive Change and Improvement: The Legacy of Florence Nightingale/ Kathleen Mussatto, Maryanne Kessel Introduction: Quality Improvement and Databases in the Context of Professionalism/ John E. Mayer Jr. Nomenclature and Taxonomies Nomenclature for Congenital and Pediatric Cardiac Disease: Historical Perspectives and the International Pediatric and Congenital Cardiac Code /Rodney C. G. Franklin, Jeffrey P. Jacobs, Otto N. Krogmann, Marie J. Béland, Defining Terms in Lists of Nomenclature /Henry L. Walters III, Steven D. Colan Illustrating Terms in Lists of Nomenclature/ Jorge M. Giroud, Jeffrey P. Jacobs, Diane E. Spicer, James D. St. Louis Databases for Assessing the Outcomes of the Treatment of Patients with Congenital and Pediatric Cardiac Disease:

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Sommario/riassunto

This book is the first in a two-volume set of textbooks and focuses on outcomes analysis in pediatric cardiac care, supporting the coverage of quality improvement and patient safety in its sister title. There has been a huge research effort undertaken in pediatric and congenital 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 1 – Outcomes Analysis 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. Highlights the best practices in improving survival while paving a roadmap for the expected changes in the next 10 years as healthcare undergoes major transformation and reform. An invited group of experts in the field will participate in this project to provide the timeliest and informative approaches to how to deal with this global health challenge. The book will be indispensable to all who treat pediatric cardiac disease and will provide important information about managing the risk of patients with pediatric and congenital cardiac disease in the three domains of: the analysis of outcomes, the improvement of quality, and the safety of patients.