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Nota di contenuto	Healthcare Analytics for Quality and Performance Improvement; Contents; Preface; Acknowledgments; CHAPTER 1 Toward Healthcare Improvement Using Analytics; Healthcare Transformation-Challenges and Opportunities; The Current State of Healthcare Costs and Quality; The Cost of Healthcare; The Analytics Opportunity in Healthcare; Leveraging Information for Healthcare Improvement; Beginning the Analytics Journey in Healthcare; Notes; CHAPTER 2 Fundamentals of Healthcare Analytics; How Analytics Can Improve Decision Making; Analytics, Quality, and Performance; Applications of Healthcare Analytics Components of Healthcare Analytics Notes; CHAPTER 3 Developing an Analytics Strategy to Drive Change; Purpose of an Analytics Strategy; Analytics Strategy Framework, with a Focus on Quality/Performance Improvement; Business and Quality Context; Stakeholders and Users; Processes and Data; Tools and Techniques; Team and Training; Technology and Infrastructure; Developing an Analytics Strategy; Notes; CHAPTER 4 Defining Healthcare Quality and Value; What Is Quality?; Defining Value in Healthcare; Improving a System; Overview of

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Improvement Efforts; Aligning Indicators with Data and Processes;
Using Indicators to Guide Healthcare Improvement Activities; Selecting
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Healthcare Improvement; Analytics in the Problem Definition Stage
Using Analytics to Identify Improvement Opportunities Analytics in the
Project Execution Phase; Using Analytics to Evaluate Outcomes and
Maintain Sustainability; Sustaining Changes and Improvements; Note;
CHAPTER 9 Basic Statistical Methods and Control Chart Principles;
Statistical Methods for Detecting Changes in Quality or Performance;
Hypothesis Testing; Comparing Performance between Two Groups;
Comparing Performance of More Than Two Groups; Graphical Methods
for Detecting Changes in Quality or Performance; Variation in
Performance; Statistical Process Control Chart Basics
Data Considerations for Statistical Process Control Charts

Sommario/riassunto

Improve patient outcomes, lower costs, reduce fraud-all with
healthcare analytics Healthcare Analytics for Quality and Performance
Improvement walks your healthcare organization from relying on
generic reports and dashboards to developing powerful analytic
applications that drive effective decision-making throughout your
organization. Renowned healthcare analytics leader Trevor Strome
reveals in this groundbreaking volume the true potential of analytics to
harness the vast amounts of data being generated in order to improve
the decision-making ability of healthcare managers and
