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Autore	Chiappelli Francesco
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Fundamental Implications for Clinical Practice: Translational Effectiveness in the Context of Translational Science -- Comparative Effectiveness Analysis and Evidence-Based Decisions -- The Best Available Evidence -- Sampling and Assessment of the Evidence -- Systematic Evaluation of Statistical Analysis: Data Analysis in Research Synthesis -- Optimizing Clinical Practice-Based Patient-Centered Outcomes Research: Getting and Understanding Data -- Obtaining Data -- Describing and Analyzing Data -- Translational Effectiveness Analysis -- Optimizing Clinical Outcomes by Individualizing Observations -- Evaluation in Patient-Centered Outcomes Research -- Translational Effectiveness in Practice-Based Patient-Centered

## Outcomes Research. .

### Sommario/riassunto

Comparative effectiveness research – the conduct and synthesis of systematic research in order to compare the benefits and harms of alternative treatment options – is of critical importance in enabling informed health care decisions to be made. This user-friendly, practical handbook examines in depth how best to perform such comparative effectiveness research. A wide range of topics and methods are discussed, including research synthesis, sampling analysis, assessment of evidence design, systematic evaluation of statistical analysis, and meta-analysis. The discussion extends well beyond the fundamentals by encompassing “complex” systematic reviews, “cumulative” meta-analyses, and logic-based versus utility-based decision making. Health care providers, researchers, instructors, and students will all find this to be an invaluable reference on the compelling current issues and important analytical tools in comparative effectiveness research.