

1. Record Nr.	UNINA9910151595103321
Autore	Portney Leslie Gross
Titolo	Foundations of clinical research : applications to practice // Leslie Gross Portney, Mary P. Watkins
Pubbl/distr/stampa	Harlow, Essex, England : , : Pearson, , [2014] ©2014
ISBN	1-292-03368-1
Edizione	[Third edition, Pearson new international edition.]
Descrizione fisica	1 online resource (842 pages) : illustrations
Collana	Always learning
Disciplina	610.72
Soggetti	Medicine - Research - Methodology Clinical medicine - Research - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover -- Table of Contents -- Glossary -- 1. A Concept of Clinical Research -- 2. The Role of Theory in Clinical Research -- 3. Ethical Issues in Clinical Research -- 4. Principles of Measurement -- 5. Reliability of Measurements -- 6. Validity of Measurements -- 7. Asking the Research Question -- 8. Sampling -- 9. Validity in Experimental Design -- 10. Experimental Designs -- 11. Quasi-Experimental Designs -- 12. Single-Subject Designs -- 13. Exploratory Research: Observational Designs -- 14. Descriptive Research -- 15. Surveys and Questionnaires -- 16. Systematic Reviews and Meta-Analysis -- 17. Descriptive Statistics -- 18. Statistical Inference -- 19. Comparing Two Means: The t-Test -- 20. Comparing More Than Two Means: Analysis of Variance -- 21. Multiple Comparison Tests -- 22. Nonparametric Tests for Group Comparisons -- 23. Correlation -- 24. Regression -- 25. Measures of Association for Categorical Variables: Chi-Square -- 26. Statistical Measures of Reliability -- 27. Statistical Measures of Validity -- 28. Epidemiology: Measuring Risk -- 29. Multivariate Analysis -- 30. Data Management -- 31. Searching the Literature -- Appendix: Statistical Tables -- Appendix: Relating the Research Question to the Choice of Statistical Test -- Appendix: Power and Sample Size -- Appendix: Transformation of Data -- Appendix: Sample Informed Consent Form -- Index.

## Sommario/riassunto

Foundations of Clinical Research: Applications to Practice, 3/e serves as a comprehensive reference for a variety of research situations. This edition reflects the contemporary focus on evidence-based practice in health care, and the essential concepts for understanding analysis and research design. Expanded topics include measures of diagnostic accuracy, statistical estimates of validity and reliability, systematic reviews and meta-analysis, search strategies and critical appraisal of literature for clinical decision making and development of research. Written for those in the health professions, including physical therapy, occupational therapy, speech therapy, nursing, and exercise physiology, this text will be useful to developing clinicians, practitioners, graduate students and researchers.

---