1. Record Nr. UNINA9910813343203321 Autore Martin Colin R. <1964-> Titolo Design and analysis of clinical nursing research studies / / Colin R. Martin and David R. Thompson London;; New York,: Routledge, 2000 Pubbl/distr/stampa **ISBN** 9786610018376 9781134589715 1134589719 9781134589722 1134589727 9781280018374 1280018372 9780203134986 0203134982 9780203170083 0203170083 Edizione [1st ed.] Descrizione fisica 1 online resource (x, 141 pages): illustrations, charts Collana Routledge essentials for nurses Altri autori (Persone) ThompsonDavid R. <1955-> Disciplina 610.73072 Soggetti Nursing - Research - Methodology Nursing - Research - Statistical methods Clinical medicine - Research - Methodology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references (p. [134]-136) and index. Nota di bibliografia Nota di contenuto 1. Clinical research in nursing -- 2. Designing a clinical study -- 3. The qualities and power of data -- 4. Study sample size calculation -- 5. Choice of statistical tests -- 6. Between-subjects design and tests -- 7. Within-subjects design and tests -- 8. Mixed-group design and tests -- 9. Correlation and association between variables -- 10. Singlesample studies and analysis -- 11. Confidence intervals -- 12. Graphical presentation of data -- 13. The use of computers for statistical analysis -- 14. Considerations when designing a clinical study.

This invaluable text on the design and analysis of clinical research

Sommario/riassunto

studies explains the basis of experimental design and statistics in a way that is sensitive to the clinical context in which nurses work. It uses data from actual studies to illustrate how to: *design the study *use and select data *present research findings *use a computer for statistical analysis. The scope of the study designs and associated statistical techniques covered in the book allow both the beginning nurse researcher and the more seasoned professional nurse investigator to approach a research study with confidence and optimism. The authors show how qualitative data can be approached quantitatively, what the advantages of this are from the nursing viewpoint, and how quantitative methodology can help nurses to develop a common research language with other disciplines involved in patient care.