1. Record Nr. UNINA9910463246803321 Autore Jung Sin-Ho Titolo Randomized phase II cancer clinical trials / / Sin-Ho Jung Boca Raton, Fla.:,: Taylor & Francis Group,, 2013 Pubbl/distr/stampa **ISBN** 0-429-06447-0 1-4398-7186-8 Descrizione fisica 1 online resource (236 p.) Collana Chapman & Hall/CRC biostatistics series Disciplina 616.994060724 Soggetti Cancer - Research Clinical trials Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references. Front Cover; Contents; Preface; Chapter 1 Introduction; Chapter 2 Nota di contenuto Single-Arm Phase II Trial Designs: Chapter 3 Inference on the Binomial Probability in Single-Arm Multistage Clinical Trials: Chapter 4 Single-Arm Phase II Clinical Trials with Time-to-Event Endpoints; Chapter 5 Single-Arm Phase II Trials with Heterogeneous Patient Populations: Binary and Survival Outcomes: Chapter 6 Randomized Phase II Trials for Selection: No Prospective Control Arms; Chapter 7 Randomized Phase II Cancer Clinical Trials with a Prospective Control on Binary Endpoints (I): Two-Sample Binomial Test Chapter 8 Randomized Phase II Cancer Clinical Trials with a Prospective Control on Binary Endpoints (II): Fisher's Exact TestChapter 9 Randomized Phase II Trials with Heterogeneous Patient Populations: Stratified Fisher's Exact Test; Chapter 10 Randomized Phase II Clinical Trials Based on Survival Endpoints: Two-Sample Log-Rank Test; Chapter 11 Some Flexible Phase II Clinical Trial Designs; Back Cover Sommario/riassunto In cancer research, a traditional phase II trial is designed as a singlearm trial that compares the experimental therapy to a historical control. This simple trial design has led to several adverse issues, including increased false positivity of phase II trial results and negative phase III trials. To rectify these problems, oncologists and biostatisticians have

begun to use a randomized phase II trial that compares an

experimental therapy with a prospective control therapy. Randomized Phase II Cancer Clinical Trials explains how to properly select and accurately use diverse statistical metho