

1. Record Nr.	UNINA9910139566603321
Titolo	Bayesian methods and ethics in a clinical trial design // edited by Joseph B. Kadane
Pubbl/distr/stampa	New York : , : John Wiley & Sons, Inc., , 1996 ©1996
ISBN	1-283-28129-5 9786613281296 1-118-15060-0 1-118-15059-7
Descrizione fisica	1 online resource (344 p.)
Collana	Wiley Series in Probability and Statistics
Disciplina	519.542
Soggetti	Clinical trials - Moral and ethical aspects Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and indexes.
Nota di contenuto	Bayesian Methods and Ethics in a Clinical Trial Design; Contents; Preface; About the Authors; PART I MAJOR ISSUES; 1 Introduction; 2 Ethically Optimizing Clinical Trials; 3 Admissibility of Treatments; 4 Statistical Issues in the Analysis of Data Gathered in the New Designs; PART II TEST CASE: VERAPAMIL/NITROPRUSSIDE; 5 Introduction to the Verapamil/Nitroprusside Study; 6 The Mechanics of Conducting a Clinical Trial; 7 The Verapamil/Nitroprusside Study: Comments on "The Mechanics of Conducting a Clinical Trial"; 8 Computational Aspects of the Verapamil/Nitroprusside Study; 9 Being an Expert 10 Issues of Statistical Design 11 Operational History and Procedural Feasibility; 12 Verapamil versus Nitroprusside: Results of the Clinical Trial I; 13 Verapamil versus Nitroprusside: Results of the Clinical Trial II; PART III OTHER ISSUES; 14 The Law of Clinical Testing with Human Subjects: Legal Implications of the New and Existing Methodologies; 15 Commentary I on "The Law of Clinical Testing with Human Subjects"; 16 Commentary II on "The Law of Clinical Testing with Human Subjects"; 17 Author's Response to Commentaries I and II

18 Whether to Participate in a Clinical Trial: The Patient's ViewPART IV
EPILOGUE; 19 Epilogue; NAME INDEX; SUBJECT INDEX

Sommario/riassunto

How to conduct clinical trials in an ethical and scientifically responsible mannerThis book presents a methodology for clinical trials that produces improved health outcomes for patients while obtaining sound and unambiguous scientific data. It centers around a real-world test case--involving a treatment for hypertension after open heart surgery--and explains how to use Bayesian methods to accommodate both ethical and scientific imperatives.The book grew out of the direct involvement in the project by a diverse group of experts in medicine, statistics, philosophy, and the law.
