Designs for Clinical Trials: Perspectives on Current Issues (Applied Bioinformatics and Biostatistics in Cancer Research)

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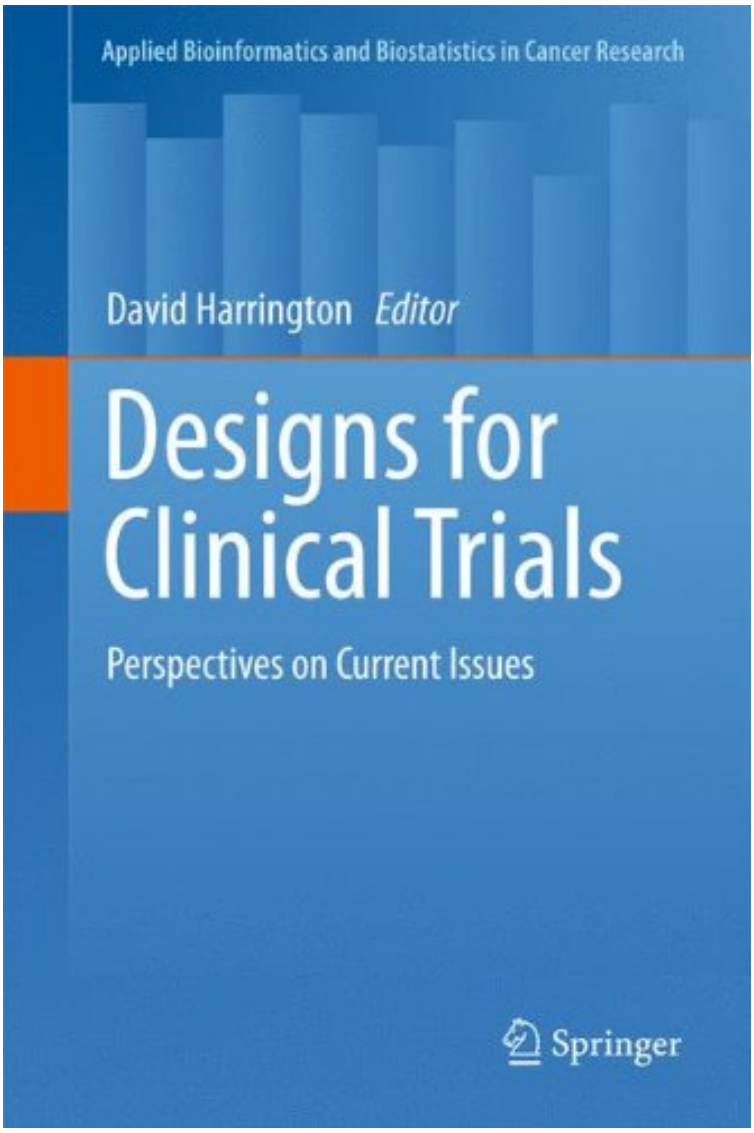

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From Springer : Designs for Clinical Trials: Perspectives on Current Issues (Applied Bioinformatics and Biostatistics in Cancer Research) before purchasing it in order to gage whether or not it would be worth my time, and all praised Designs for Clinical Trials: Perspectives on Current Issues (Applied Bioinformatics and Biostatistics in

Cancer Research):

This book will examine current issues and controversies in the design of clinical trials, including topics in adaptive and sequential designs, the design of correlative genomic studies, the design of studies in which missing data is anticipated. Each chapter will be written by an expert conducting research in the topic of that chapter. As a collection, the chapters would be intended to serve as a guidance for statisticians designing trials.

From the reviews:Designs for Clinical Trials: Perspectives on Current Issues fills the gap between professional journals and school textbooks by addressing a few important, rapidly evolving statistical topics. The book is intended for statistical practitioners like clinical trialists who actively use statistics but do not follow the literature on recent biostatistical thinking. (Norman M. Goldfarb, Journal of Clinical Research Best Practices, Vol. 9 (2), February, 2013)From the Back CoverStatistical methods for clinical trials have been an area of active research in Biostatistics since the first modern clinical trials were mounted in 1946 by the British Medical Research Council in whooping cough and tuberculosis. Often, the participants in clinical trials suffer from potentially fatal chronic diseases, and it is especially important that these experiments in medical research use designs that are efficient, can be understood by physicians, policy makers and patients, respond quickly new ideas in medicine and statistics, and, perhaps above all, show respect for the complex and important ethical issues that arise in these settings.This book explores some recent thinking in designs for clinical trials, including alternative designs for phase I studies, interim monitoring for futility, adaptive designs based on accumulating outcome data, and designs of new, targeted therapies. The book is intended for both the statistical practitioner, who may be too busy to stay abreast of the literature on statistical methods, as well as statisticians conducting research in clinical trials.