



Design and Analysis of Clinical Trials: Concepts and Methodologies

By Shein-Chung Chow, Jen-Pei Liu

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“...a grand feast for biostatisticians. It stands ready to satisfy the appetite of any pharmaceutical scientist with a respectable statistical appetite.” —*Journal of Clinical Research Best Practices*

The *Third Edition* of *Design and Analysis of Clinical Trials* provides complete, comprehensive, and expanded coverage of recent health treatments and interventions. Featuring a unified presentation, the book provides a well-balanced summary of current regulatory requirements and recently developed statistical methods as well as an overview of the various designs and analyses that are utilized at different stages of clinical research and development. Additional features of this *Third Edition* include:

- New chapters on biomarker development and target clinical trials, adaptive design, trials for evaluating diagnostic devices, statistical methods for translational medicine, and traditional Chinese medicine
- A balanced overview of current and emerging clinical issues as well as newly developed statistical methodologies
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- New sections on bridging studies and global trials, QT studies, multinational trials, comparative effectiveness trials, and the analysis of QT/QTc prolongation
- A complete and balanced presentation of clinical and scientific issues, statistical concepts, and methodologies for bridging clinical and statistical disciplines
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Design and Analysis of Clinical Trials, Third Edition continues to be an ideal clinical research reference for academic, pharmaceutical, medical, and regulatory scientists/researchers, statisticians, and graduate-level students.

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Editorial Review

Review

“In summary, this third edition is an impressive expansion beyond a remarkable second edition. This book would be good reference for biostatisticians, clinical researchers, and pharmaceutical scientists in clinical research and development.” (*Journal of Biopharmaceutical Statistics*, 1 July 2014)

From the Back Cover

Praise for the *Second Edition*

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