An essential guide for all researchers working in early phase clinical trial development, from clinical pharmacologists and pharmacokineticists through to clinical investigators and medical statisticians.

All new medicines and devices undergo early phase trials to assess, interpret and better understand their efficacy, tolerability and safety.

This book describes the practical design and analysis of these important early phase clinical trials and provides the crucial statistical basis for their interpretation. It clearly and concisely provides an overview of the most common types of trials undertaken in early phase clinical research and explains the different methodologies used. The impact of statistical technologies on clinical development and the statistical and methodological basis for making clinical and investment decisions are also explained.

The book is also a valuable reference for teachers and students of pharmaceutical medicine learning about the design and analysis of clinical trials.