Written in an easily accessible style, this book provides doctors and medical students with a concise and thorough account of this often difficult subject.

To practice evidence-based medicine, doctors need to understand how research is conducted and be able to critically appraise research evidence. A sound understanding of medical statistics is essential for the correct evaluation of medical research and the appropriate implementation of findings in clinical practice.

The book promotes understanding and interpretation of statistical methods across a wide range of topics, from study design and sample size considerations, through t- and chi-squared tests, to complex multifactor analyses, using examples from published research. References for further reading are given for more information on specific topics.