

**(29) Max Hamilton (1974)**  
***Lectures on the Methodology of Clinical Research***  
**Second edition**  
**Edinburgh: Churchill Livingstone**

***Preamble***

For the first edition, and further details of the author, see no. (9) above.

***Aims***

*This second edition is bigger than the first but the growth is a compromise between the need to keep it as small as possible and the request of many readers to add more material on the practical aspects of research and on statistical calculations. Fortunately, it has been possible to introduce some modern notions in statistics without adding further to the size of this edition and I would like to think that the changes have increased the book's value to beginners in research without adding to their burden (Preface to the Second Edition, page v).*

***Contents (viii+139 pages)***

[Sub-headings omitted]

Preface to the second edition

Lecture 1 Introduction: structure of a research project

Lecture 2 The stages of experimentation: I

Lecture 3 Observation, hypothesis and experimentation: II

Lecture 4 Induction: II

Lecture 5 Observation, hypothesis: III

Lecture 6 Experimentation: III

Lecture 7 The design of experiments

Lecture 8 Induction: III

Lecture 9 Analysis of variance

Lecture 10 Practical problems in experiments

Lecture 11 The criterion

Lecture 12 Ranking and rating methods

Lecture 13 Prediction and measures of association

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Lecture 15 Tests of statistical significance

Further reading

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