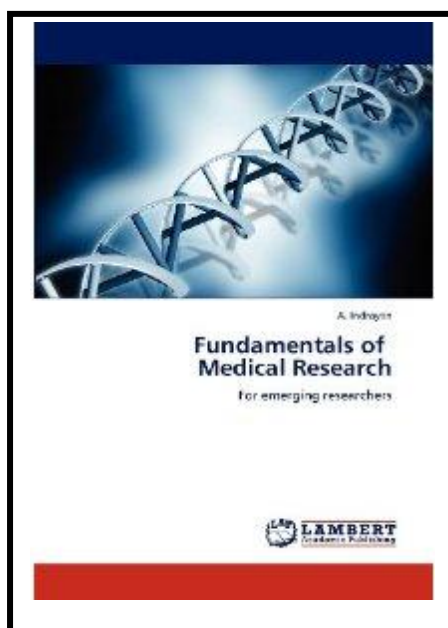


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Fundamentals of Medical Research: For emerging researchers

A. Indrayan, PhD(Ohio State)



A must read for emerging research workers in the field of medicine and health. The book takes us through all the steps of planning and execution of empirical research, and of writing Master's theses, doctoral dissertations and research papers for publication in journals. This includes preparation of research protocols. It presents the material in an easy-to-understand style. The readers may find the book a useful adjunct for increasing the quality and credibility of their research.

Learn: What are medical research and its ethics

What are medical uncertainties and how to deal with them in research setups

How to select a topic of research, and set up objectives and hypotheses

How to review existing literature and data

How to plan the research and prepare a credible protocol

How to design a descriptive and analytical research

What is a sample survey, a case-control study and a cohort study

What are the essentials of laboratory experiments and clinical trials

How to select a representative sample of subjects

How to assess health and disease

How to collect unbiased data on factors and responses, and how to manage the data

How to analyze data and draw up valid results

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