Book Review:  

Basic Methods of Medical Research (Third Edition)

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Evidence based medicine is becoming important day by day. Creation of local evidences is key to development of clinical guidelines. Ultimately, practitioners have to embrace the responsibilities of researchers to better understand, create, and use evidences. In this book review we are introducing ‘Basic Methods of Medical Research’ by Dr. Abhaya Indrayan. He is a well known author and research consultant with expertise on biostatistics and research methodology. His internationally celebrated book ‘Medical Biostatistics’ published by CRC Press in New York; which is also going the third edition. He do manage a website for medical biostatistics training; http://www.MedicalBiostatistics.com and more information about the author could be found at [http://indrayan.weebly.com](http://indrayan.weebly.com) ‘Basic Methods of Medical Research’ (Third Edition) is published by AITBS Publishers, J-5/6, Krishan Nagar, Delhi - 110051. The fear of inevitable statistics in medical research is so popular that the professionals try statistics books one by one desperately. The author did work with medical schools in India and USA. He has the experience of working with national and international agencies such as WHO, World Bank, UNAIDS, DANPCB, IAVI, etc. Those experiences contribute to closely match the needs of the medical professionals with fewer backgrounds in statistics. They say, feasibility is the most rated quality of performing research, well from the scientific part of view; then statistics is the backbone of the study designs to keep it run.

The book starts with the basics of medical research and covers all the identifiable general steps in the topic including;

- preparation of the research protocol
- literature review,
- feasibility of the work,
- control the uncertainties with the magic of good design,
- ethical issues in animal studies and clinical trials,
- fix the sample,
- data collection and processing,
- common methods in health and disease,
- statistical significance and robustness,
- cause-effect relationship,
- presentation of the results,
- preparation of thesis/paper &
- publication ethics.

For a medical, pharmacy, nursing or other healthcare discipline students who is on a project, it’s time to grab a copy of this guiding, inexpensive book (aitbsindia@gmail.com) and for the teachers who guide the students on project works, this book shall be a companion to groom as a strong supervisor. This is an excellent book for medical and other healthcare research.