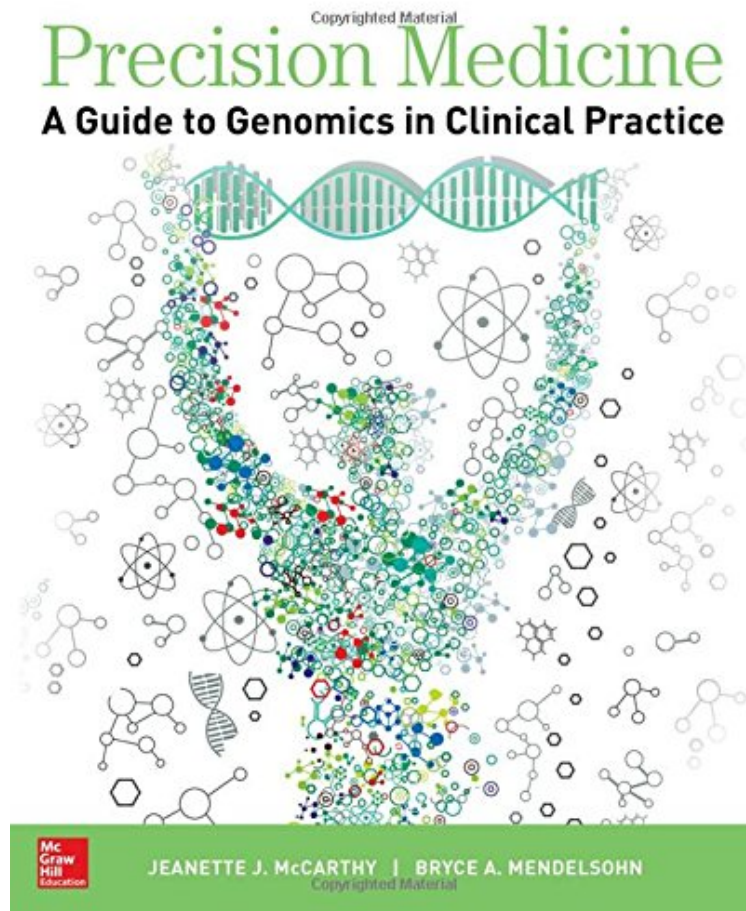


# Precision Medicine: A Guide to Genomics in Clinical Practice

Jeanette J. McCarthy, Bryce A. Mendelsohn  
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## Jeanette J. McCarthy, Bryce A. Mendelsohn : Precision Medicine: A Guide to Genomics in Clinical Practice

before purchasing it in order to gauge whether or not it would be worth my time, and all praised Precision Medicine: A Guide to Genomics in Clinical Practice:

7 of 7 people found the following review helpful. Wonderfully clear and conciseBy CustomerPrecision Medicine: A Guide to Genomics in Clinical Practice is definitely a genetics handbook for the rest of us. I have been practicing general out-patient pediatrics for over ten years and have yet to come across such a compact, comprehensible text on genetics. The authors have constructed easy to read, flowing chapters, with more complicated figures and concepts well organized into various appendices at the end. I especially appreciate Appendix 3, The Genetic Basis of Disease and believe medical students would benefit from such a summary. Similarly, the chapter on emergency medicine would have been extremely helpful during my recertification process. Every section offers boxes of Key Points with easy to digest, germane, helpful hints. The points themselves constitute an apt review. In the main text there is a plethora of practical advice, as every doctor knows the real world is often vastly different from what is presented in traditional

textbooks. Boxes of Practice Points which include sample clinical cases are engaging and informative. One such box contains a possible conversation with a pregnant mother and illustrates how to brooch the discussion on genetic testing. Others in the cancer section deal with delicate situations such as explaining carrier test results with a patient, and approaching a patient whose close family member was recently diagnosed with cancer. One very relevant and enjoyable chapter for me is Childhood and Adolescence. It contains a thoughtful section on autism, an all too common occurrence and feared diagnosis in general pediatrics, followed by a comprehensive discussion on developmental delay. The various genetic causes and testing available are explained succinctly. Although this subject matter has a tendency to feel daunting to a general practitioner, the authors lay out the information in an approachable manner. I highly recommend Precision Medicine both to generalists and specialists of all fields as it is wonderfully clear and concise. I look forward to future texts such as this one in the future.

0 of 0 people found the following review helpful.

**Precision Medicine- a Guide to Genomics in Clinical Practice** By hanan rotem md

**Precision Medicine-A Guide to Genomics in Clinical Practice**, by McCarthy and Mendelsohn, has the goal to be an overview of the practice of genomic medicine for the general practitioners and trainees. The text is tight, concise, and well-written. As an alternative to a specialized genetics textbook, this 200+ page guide covers the practical application of genomic medicine from the areas of Family Planning and Prenatal Care through Pediatrics, Adolescent Medicine, and Adulthood. It wisely includes frequent reminders for specialty consultation and referral when appropriate, and includes 11 extremely useful appendices which review basic principles of genetics as well as well practical guidance on laboratory testing, websites providing more information, and a clear review of Government regulations and insurance reimbursement issues. As a (former) practicing pediatrician, I particularly appreciated the emphasis on ethical issues referred to throughout the text. This manual is highly recommended to practicing primary health care providers.

Morris J. Schoeneman, MD, Emeritus Professor of Pediatrics, State University of New York (SUNY), Downstate Medical Center and School of Medicine.

4 of 4 people found the following review helpful.

**Clear and Informative** By TRS

The burgeoning of genetic knowledge, particularly as it impacts medicine, has been explosive. However, within the medical community there has been a delay in keeping up with new and old developments. As an older physician myself I am aware of my own relative lack of knowledge in the field. Precision Medicine- a Guide to Genomes in Clinical Practice helps considerably in filling that void. The material is traced from preconception to adulthood, including guidance to the physician (and lay public) as to indications of what and when genetic testing should be obtained. There are 10 appendices which deal with a variety of topics, such as Cancer Predisposition Testing, and Laboratory Methods to Detect Genomic Variation. Appendix 3- The Genetic Basis of Disease is helpful in furnishing information and understanding. This economic book is highly recommended to reduce the limitations of our genomic education.

A complete how-to guide for incorporating genomics into all applicable areas of clinical medicine

**Precision Medicine: A Guide to Genomics in Clinical Practice** is a comprehensive, yet succinct overview of the practice of genomic medicine. It is written for general healthcare practitioners, specialists, and trainees with the goal of providing detailed guidance on how to incorporate genomic medicine into daily practice. To be as clinically relevant as possible, the book intentionally avoids excessive technical content and consistently emphasizes real-life patient care and decision support.

**Precision Medicine: A Guide to Genomics in Clinical Practice** follows the course of a human life, beginning before conception through pregnancy, childhood, and adulthood, discussing the current and future applications of genomics and precision medicine at each stage. This organization allows healthcare providers to easily find the information relevant to their practice. Throughout, the authors highlight common pitfalls technical and ethical that might complicate the delivery of quality genomic healthcare. The book is enhanced by eleven valuable appendices that cover important topics ranging from the basics of genetics to ethical issues to regulation and reimbursement. If you are searching for a clinically relevant, non-technical resource that will teach you how genomic medicine can and should be practiced in your specific field of interest, **Precision Medicine: A Guide to Genomics in Clinical Practice** belongs on your desk.

About the Author

Jeanette J. McCarthy, MPH, PhD (San Francisco, CA) Adjunct Associate Professor, University of California, San Francisco.

Bryce A. Mendelsohn, MD, PhD (San Francisco, CA) Medical Genetics Clinical Fellow, University of California, San Francisco.