

Handbook of Clinical Adult Genetics and Genomics - A Practice-Based Approach

Editors: Shweta Dhar, Sandesh Sreenath Nagamani, Tanya Eble. Department of Molecular & Human Genetics, Baylor College of Medicine (BCM), Houston, and Department of Internal Medicine, Baylor College of Medicine, Houston, Texas, United States. Published by Elsevier, Academic Press. 2020. pp 504.

This book written by physicians at the Baylor College of Medicine, who have been running an adult genetic clinic for many years, fills a void. It is written keeping in mind usefulness in practice and has four sections – the first provides information on basic genetics, genetic testing, and counseling, the second covers common genetic disorders that occur in various organ systems, the third informs about access to genetic services, billing, and reimbursement, and the fourth deals with new developments such as precision medicine and gene therapy. Adult-onset monogenic disorders and those with a genetic basis such as cancers, connective tissue disorders, neurological disorders and endocrine disorders are extensively covered. The section on tele-genetics and video consults would be useful in pandemic situations like COVID 19. A glimpse of the ethical, legal, and social implications of genetics is given. The sections on precision medicine and pharmacogenomics will be useful to the modern physicians. Vignettes add to the value of the book. Overall, the book is strongly recommended for all those interested in adult genetics. A minor criticism which the authors may fulfill in future editions is to provide more photographs of the clinical disorders.

Reviewed by:

Dr I C Verma

Professor and Senior Consultant
Adviser, Institute of Medical Genetics and Genomics,
Sir Ganga Ram Hospital, New Delhi, India
Email: icverma@gmail.com