BOOK REVIEW

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Practical manual of medical virology

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This manual is the expanded second edition of its forerunner entitled "Premier Practical manual in classical viral isolation techniques" published earlier by the Department of Clinical Virology, CMC, Vellore. It is indeed a practical manual of immense value to students and younger faculty in Microbiology who are desirous of learning technical aspects of viral diagnostic methods. The authors have done well to include several new chapters which focus on contemporary diagnostic methodology such as molecular techniques while retaining equal emphasis on conventional methods as well. Two chapters in this book are very well written and "a must to read" for all budding and full fledged clinical microbiologists. They are "Understanding laboratory data" and "Quality control in clinical virology laboratory". Both these chapters address some of the weakest links in our routine diagnostic and research work. The inclusion and description of appropriate statistical methods such as the Bland Altman plots and other methods is something you will not find in most of the traditional manuals of virology/microbiology. The chapter on Biosafety is also well written and is very appropriate keeping in view the emergence of a number of newer pathogens. The one aspect that could have been better in the manual is the quality of printing and the quality of illustrations. However, this in no way a reflection on the contents of the manual which in my opinion has tremendous utilitarian value not only for training but in day to day clinical virology practice as well. I would strongly recommend that all institutions and students of medical microbiology possess this wonderful book.
1. Medical Virology Mohamed Ezzat El Zowalaty, Ph.D. Email: elzow001@gmail.com 2/24/2016 1 MEZ_Virology_2015 Copyright© Dr. Mohamed El Zowalaty By. 2. Declaration and acknowledgment I, Mohamed El Zowalaty, PhD would like to express special thankfulness to the â€¢ US CDC Public Health Image Library â€¢ DHS/NIH/NIAID â€¢ University of Minnesota â€¢ All additional resources for in education by providing images used in this presentation. All images and photomicrographs used in this presentation were used for teaching and educational purposes. The only other practical alternatives to cell culture are to propagate the viruses in susceptible animal or plant hosts. â€¢ E.g. Propagation of Poliovirus in monkeys. â€¢ Propagation of Tobacco Mosaic Virus in plants. The Division of Medical Virology has a well equipped Clinical Diagnostic laboratory, which forms part of the National Health Laboratory Service, Tygerberg Business Unit, Coastal Branch. This laboratory renders a clinical diagnostic service to Tygerberg Academic Hospital (TBH) and the secondary hospitals and primary clinics that drain to TBH. Apart from routine diagnostic services the laboratory offers practical training to registrars in pathology, medical science students and medical technology students. The laboratory strives for constant improvement by identifying diagnostic needs in our environment, by conducting operational research that evaluates diagnostic techniques and by maintaining good communication with clients. DR.THUALFAKAR. Hasanain Jalil virology. hasanainalhasnei@gmail.com يرظﻧ تﺎﺳورﯾﺎﻓ. Herpes virus antibodies, though ELISA is the most practical method. Treatment, Prevention, & Control. Vitamin A treatment in developing countries has decreased.