

BOOK REVIEW**Title: ILLUSTRATED GUIDE TO PHYSIOLOGY**

Pages: All the 12 volumes are presented in separate pages-totally to more than 1700 pages.

Year of publication: 2000

Published by: G.P Bhardwaj, Hassen Taha Sherif, and F.C. Howarth: Department of Physiology, Faculty of Medicine, Addis Ababa University, P. O. Box 9086, Addis Ababa, Ethiopia.

Field of Medicine: **Physiology** (Human)

Presentation: On CD in 12 volumes. Each volume consists of full details and is a book in its own right

Content/ coverage:

- Homeostatic concepts and applications
- Nerve and muscle (Basic and applied)
- Energy Balance, Nutrition and metabolism
- The Endocrine system
- Reproductive endocrinology (from conception to old age)
- Blood and Immunity (Basic and Applied)
- Cardiovascular circulatory Homeostasis (In Health and diseases)
- Pulmonary function in Health and disease
- Renal physiology (Basic and Applied)
- Body fluids and electrolytes; Acid-base
- Nervous system (Basic and Applied)
- Gastro intestinal system

Purpose: To alleviate the shortage of references. The CD is good for its comprehension and simplicity.

Audience: The target audiences include Pre-clinical students, Pharmacy students, Residents, Health officer students, Graduates students in Physiology, Instructors and other health professionals.

Highlights and comments: Although there are some publications in the field which adopt illustrations as the main tool of exposure, the authors have constructed their own balanced blend of text plus illustrations which makes it new and genuine. The illustrations cover the different topics in a simple, yet comprehensive way, which makes this series a very helpful companion to medical and paramedical students. The simple language makes it a very suitable reference book for students who speak English as a second language.

Along with some organizations of the physiology course lectures to go in parallel with this series, it could make a single excellent reference to students who would reap great benefits in understanding the subject of physiology, and in saving time in reading extensive texts.

This Illustrated guide could be a useful tool for the teaching and understanding of physiological concepts, more especially in African Medical Schools, as it combines structure and function in a simplified way. The illustrations are of a high quality and are easy to follow. The authors intended of transferring the book on to a CD for use with computers and to make it available for all African Medical Schools.

The authors have contributed a book of high quality. With advances in technology and availability of computers in many African Medical Schools and allied Health sciences institutions, many educators in Physiology will find “The Illustrated Guide to Physiology on CD” very useful and could be used as an adjunct to conventional teaching.

- Reviewers:**
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