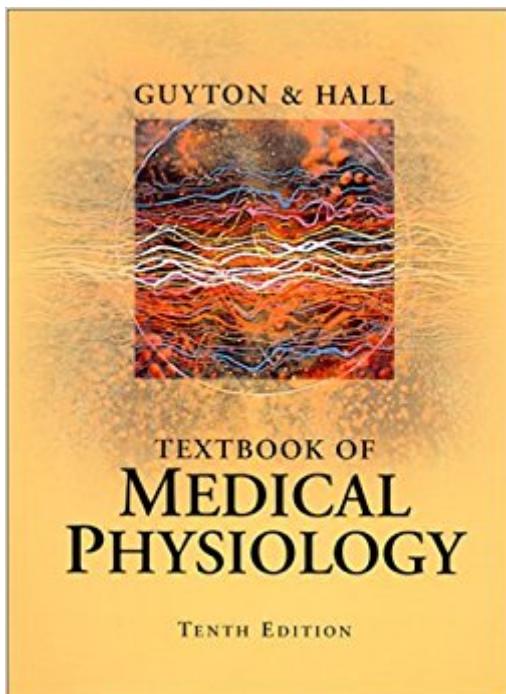


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# Textbook Of Medical Physiology



## **Synopsis**

This is a comprehensive yet concise edition geared toward medical and dental students enrolled in physiology courses. The textbook also serves as a review resource for physiology instructors. It offers specific discussions of pathophysiology in most clinical areas of medicine.

## **Book Information**

Series: Textbook of Medical Physiology

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## **Customer Reviews**

Arthur C Guyton, Professor Emeritus, Department of Physiology and Biophysics, University of Mississippi Medical Center, Jackson, MS; John E Hall, Professor and Chairman, Department of Physiology and Biophysics, University of Mississippi Medical Center, Jackson, MS

This is a great textbook. Some people may give it flack for being so in-depth. It's true that there is a lot of "low-yield" and clinically irrelevant (sort of) information. I think the idea is that you get a very thorough understanding of physiological processes on the whole. I happen to love the subject and I am willing to spend extra time reading this book over more "high-yield" books that provide information that is more clinically relevant or aimed at boards and such. I think the best time to read this is during undergrad (or anytime before med school) when you have the time. In med school it probably is too much text. If you are indeed in undergrad or have time off before med school, I read this book concurrently with Rosenthal's Medical Biochemistry: Human Metabolism in Health and Disease and found a lot of good harmony between the two.

During my college days my professor will always refer to Guyton for our Anatomy and Physiology subject. I remember we were using the 3rd edition during those days. I love this book because it really gives you an in depth definition of our body. I am always amaze every time I read it. It's a little harder to understand at first specially if you won't pay attention word by word, but if you give it enough time and attention it's really worth while. I felt sad after reading in this book though that Guyton already passed away. A guy with such a brilliant mind and passion. If you are looking for a book whether for studies or just to explore our body, I highly suggest to get this one.

As far as medical physiology books go, I have really enjoyed my Guyton. There is a new edition out, but I opted for the older edition, saved a ton of money, and when compared to my classmates' newer editions, is virtually the same. Great size, easy to highlight in, and the cartoon drawings are easy to follow along.

If you are math oriented, I would recommend picking up Mathematical Physiology by James Keener to supplement this book (Mathematical Physiology (Interdisciplinary Applied Mathematics) 2 Vol Set). It references a great deal of the Guyton and Hall material and even contains some of the same graphs and figures, but expands greatly on concepts in a way for people with knowledge of up to and slightly beyond PDEs can grasp them very well. The Guyton and Hall book is excellent, and, given that the newest edition has been said to focus on the length (assumingly shortening it), it's possible this edition is better than the 12th. It's thorough, has enough repetition of primary concepts to allow you to continually review the fundamental principles (for example, it will mention that Aldosterone increases  $\text{Na}^+$  absorption and increases  $\text{K}^+$  secretion in Renal Physiology each time it comes up so that you will not forget it when you are finished with the chapter), which is thoroughly pleasing because it is very easy to forget the value of repetition for students. I would recommend this absolutely!

great research based textbook. very readable and interesting. emphasizes concepts and research that supports those concepts. Very good grad level phys text book. may be a little much for undergrad level without supplements. someone who has a good interest and bio BG should be able to get through NP.

This book is okay. Some subject topics in physiology are very dry, and hard to keep focus with. This

book is somewhat dry, but does have some very good explanations in it. If you are reading each chapter, the important concepts are reiterated several times throughout to ensure they are made clear. This is definitely one of the positives for getting this book. One thing that would be helpful would be a summary at the end of the chapter, or review questions.... and not in a separate review book.....

love it

This is a great physiology book for Graduate School level. Well written and explains thoroughly. Would recommend buying this book and I'm sure there are newer editions of this book out by now.

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