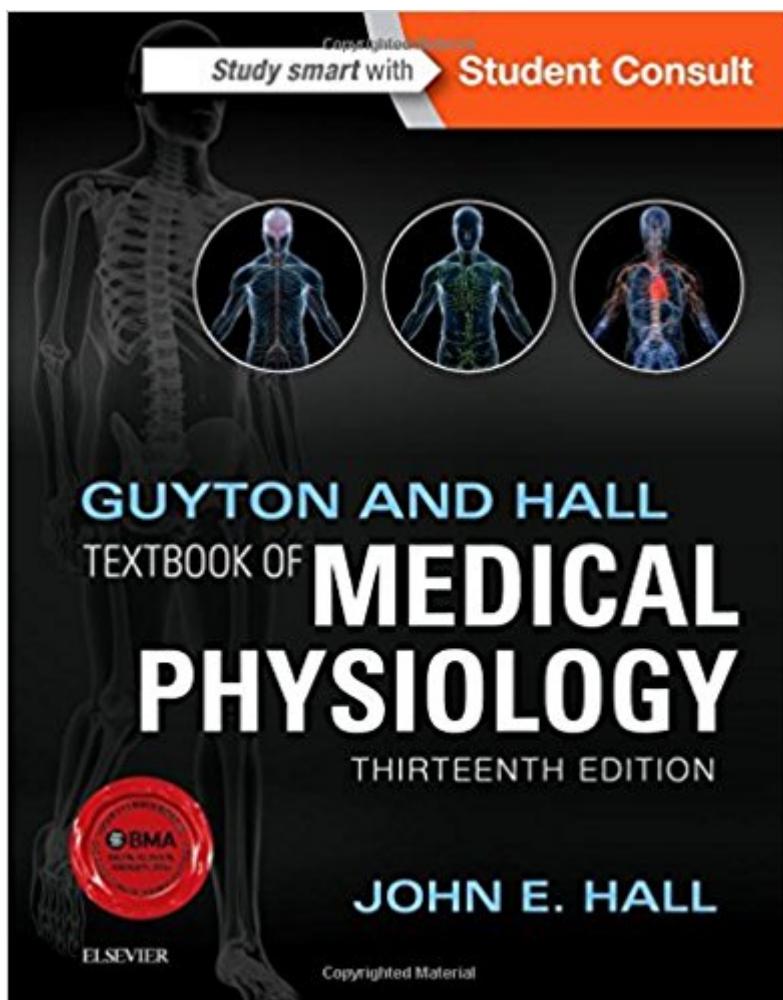


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# Guyton And Hall Textbook Of Medical Physiology, 13e (Guyton Physiology)



## Synopsis

The 13th edition of Guyton and Hall Textbook of Medical Physiology continues this bestselling title's long tradition as the world's foremost medical physiology textbook. Unlike other textbooks on this topic, this clear and comprehensive guide has a consistent, single-author voice and focuses on the content most relevant to clinical and pre-clinical students. The detailed but lucid text is complemented by didactic illustrations that summarize key concepts in physiology and pathophysiology. Larger font size emphasizes core information around how the body must maintain homeostasis in order to remain healthy, while supporting information and examples are detailed in smaller font and highlighted in pale blue. Summary figures and tables help quickly convey key processes covered in the text. Bold full-color drawings and diagrams. Short, easy-to-read, masterfully edited chapters and a user-friendly full-color design. Brand-new quick-reference chart of normal lab values on the inside back cover. Increased number of figures, clinical correlations, and cellular and molecular mechanisms important for clinical medicine. Student Consult eBook version included with purchase. This enhanced eBook experience includes the complete text, interactive figures, references, plus 50 self-assessment questions and more than a dozen animations.

## Book Information

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## Customer Reviews

2016 BMA Awards: Highly Commended, Basic & Clinical Sciences "The 13th edition of Guyton and Hall Textbook of Medical Physiology continues this bestselling title's long tradition as the world's

foremost medical physiology textbook. Unlike other textbooks on this topic, this clear and comprehensive guide has a consistent, single-author voice and focuses on the content most relevant to clinical and pre-clinical students. The detailed but lucid text is complemented by didactic illustrations that summarize key concepts in physiology and pathophysiology." -Doody's Review Service

This is a great physiology textbook! I'm a little over 100 pages in and thought I would leave my thoughts and findings so far. The full online version of the book and resources are included for free! Sixteen video animations, multiple choice questions on each unit of the book, and 25 enhanced images where you can quickly hide the labels, quiz yourself, and then click to see the correct label are all part of the online version resources. There are no quizzes or questions at the end of each unit in the physical print edition (I think the Guyton and Hall Physiology Review 3e is geared toward this aspect). The general layout of the textbook is two columns of text per page with many figures and tables interwoven. The font of the text is clear and easy to read. The text guides you through the figures and explains them well as it is teaching the subject making for a far better learning experience than others where they just have a description underneath the figure (in this textbook there is also a very brief description under the figure but mainly is described in the main part as you are reading). There are mini bibliographies at the end of each unit allowing you to know where you might start to further dive into that topic and read some of the current research papers. Modern research and findings have been seamlessly incorporated. An index is included at the back of this book, but there is no glossary. Here is the general outline (15 units broken down into 85 chapters):

Unit 1 - Introduction to Physiology: The Cell and General Physiology  
Unit 2 - Membrane Physiology, Nerve, and Muscle  
Unit 3 - The Heart  
Unit 4 - The Circulation  
Unit 5 - The Body Fluids and Kidneys  
Unit 6 - Blood Cells, Immunity, and Blood Coagulation  
Unit 7 - Respiration  
Unit 8 - Aviation, Space, and Deep-Sea Diving Physiology  
Unit 9 - The Nervous System: A. General Principles and Sensory Physiology  
Unit 10 - The Nervous System: B. The Special Senses  
Unit 11 - The Nervous System: C. Motor and Integrative Neurophysiology  
Unit 12 - Gastrointestinal Physiology  
Unit 13 - Metabolism and Temperature Regulation  
Unit 14 - Endocrinology and Reproduction  
Unit 15 - Sports Physiology

I bought this book for veterinary school as it was a required textbook. I was so pleased to find this on as it is much more expensive to buy in the bookstore. I really enjoyed this book. As far as medical books go, I thought this one was easy to understand. It does a great job at explaining things

and was a perfect supplementation to my class. This really help understand lectures and notes. It helped even more when I needed to study for the test as this is what I reference the most. I was very pleased by the book.

Very good update on a standard medical physiology textbook. Graphics have been updated compared to previous editions. I really like the "Student Consult" online service!

Without an intimate knowledge of all aspects of physiology, disease mechanisms can never be fully understood and pharmacology becomes rote memorization, rather than the art of fine tuning the target system back to its normal physiologic state. Without physiology there is no medicine. Guyton's textbook is an extremely important tool in understanding physiology.

Always enjoyed this textbook and organization. It is very helpful for understanding physiology with applications. For those with limited anatomy background, have any general A&P text, such as Marieb or Salladin, for the fundamentals, and then use this text to move forward to ensure a solid understanding of the material, for success.

It is like a manual of human body. I am currently reading metabolism of lipid highlighting every other sentences. I also have Constanzo's Physiology and read some sections, but this book is much more detailed and, to me, it was easier to grasp the concepts of each body system. I am enjoying reading this little by little and am glad got this one. Highly recommended.

I read the negative reviews before I buy a book and while on searching for something else I happened on the negative (one or two stars) reviews for this book. As to the one-star review, "worst book I ever purchased" that's really hard to believe. The worst? I guess the reviewer doesn't read a lot. And not to be too provocative, the problem with this book perhaps lies with the reader. As to the others, I am reminded of the science of taxonomy. You can classify animals in many different ways. As an example the Order Carnivora contains animals that are carnivores and animals that are not (think Panda). And there are other Orders whose members are carnivores. What's a mother to do.... So as to "it's all over the place" Lipid digestion could go under metabolism or the Small Intestine or Enzymes - or it could go in segments in all three. That's not the fault of the authors, it's just the way the human body is put together and how we choose to view its various functions. Guyton (and now Hall) has always been the initial "goto" when I needed to research a specific physiological

function.

I prefer Costanzo's Physiology to this book. This book talks in circles and is incredibly repetitive within the chapters and within units. Costanzo is straight forward, shorter, and focuses on the big picture. Costanzo also writes BRS Phys. If my medical school didn't test out of Guyton and Hall then I would use costanzo's without a doubt.

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