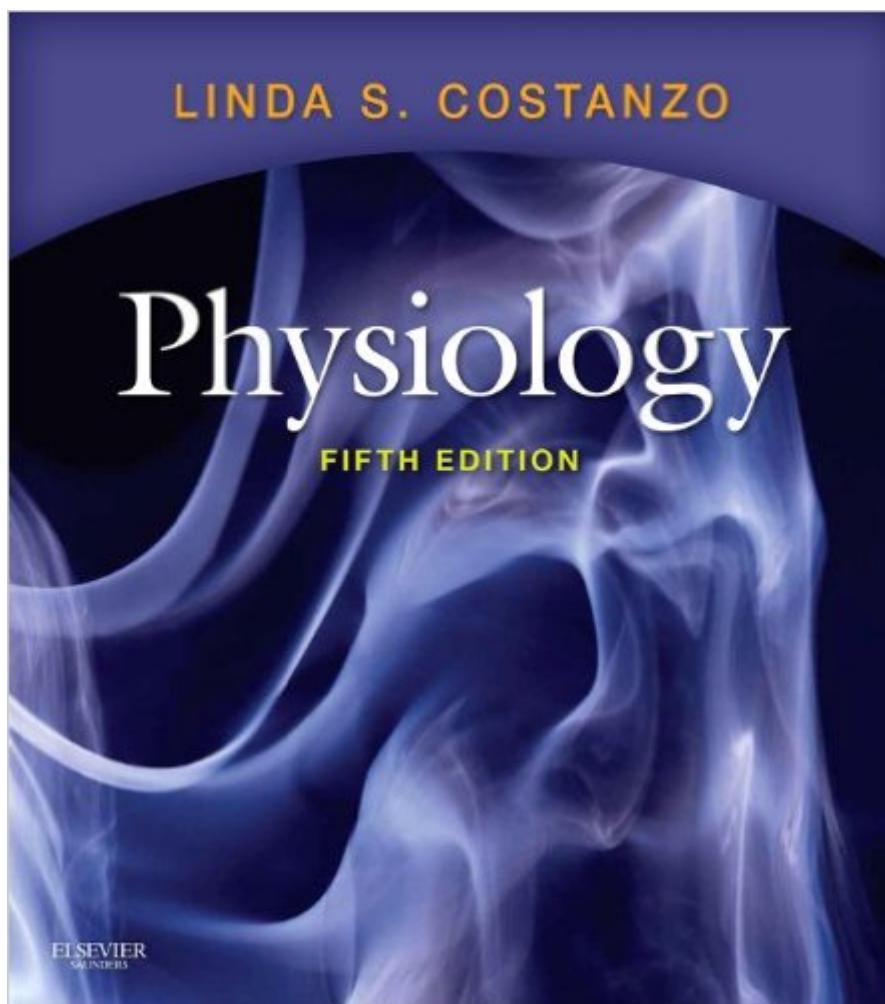


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# Physiology, (Costanzo Physiology)



## **Synopsis**

Physiology is a comprehensive presentation of core physiologic concepts with a focus on mechanisms. Renowned physiology instructor Linda S. Costanzo covers important concepts in the field, both at the organ system and cellular levels. Easy to read and user-friendly, the revised fourth edition stresses essential and relevant content with absolute clarity and includes concise step-by-step explanations complemented by numerous tables and abundant illustrations. It provides information on the underlying principles of cellular physiology, the autonomic nervous system, and neurophysiology, as well as the cardiovascular, respiratory, renal, acid-base, gastrointestinal, endocrine, and reproductive organ systems. This book is ideal as both a textbook and as a review guide for the boards. Provides step-by-step explanations and easy-to-follow diagrams clearly depicting physiologic principles. Integrates equations and sample problems throughout the text. Presents chapter summaries for quick overviews of important points. Contains boxed Clinical Physiology Cases to provide you with more clinical examples and a more thorough understanding of application. Provides questions at the end of each chapter for an extensive review of the material and to reinforce your understanding and retention. Offers a full-color design and all full-color illustrations throughout. Features increased coverage of pathophysiology in the neurophysiology, gastrointestinal, renal, acid-base, and endocrine chapters to emphasize this important component of the USMLE exam. Incorporates further practice in solving physiology equations through the inclusion of additional problem-solving questions throughout the text.

## **Book Information**

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## Customer Reviews

This book is excellent and does exactly what it sets out to do, namely give medical students a great resource for teaching themselves medical Physiology. It's not a detail oriented reference book, there are plenty of those on the market if that is what you are looking for. This is the book you would use to supplement your class notes/powerpoints while taking Phys in medical school. After reading this cover to cover, using the authors BRS Phys book for Step 1 prep would be the natural progression as her BRS is just the cliff notes of this text. It's a wonderfully written book with a logical flow and appropriate use of pictures to get the point across. Very clear explanations with a lot of the superfluous fluff left on the cutting room floor.

As a medical student, I have found this book to be enormously helpful in my physiology class. It's much shorter and more concise than other textbooks, and still has all the information I need. It has great photos and diagrams, and really helpful explanations. Plus, the author, Linda Costanzo, also wrote the BRS book for physiology, so the two tie together really well. I definitely would recommend this book to first year medical students!

Best physiology book overall for medical school. Almost a must have. You can get away without it, but it's SO much easier to just take the time to read the book. Everything is crystal clear, easy to read, and CONCISE (which is apparently the most challenging thing to do when writing medical textbooks).

Makes all of the material very approachable and straight forward. The images are good. It's more of a supplement for me than a text I can rely on to cover everything in the depth I need to know. Very good for topics that are more difficult to understand.

Life saver! Are you in medical school and needing a slick book to get you through organ systems? Well look no further, this book is by far the best resource I've found for clearly laying out the

principles and building a solid foundation to build on.

So far I have only read a couple chapters in this book but Linda is the truth! She takes the complicated concepts that my professors at school have trouble explaining/conveying to the class and puts it in lay man's terms. Medical school physiology does not have to be hard and Linda proves this with her simple explanations and simple illustrations. I advise any medical student who is having trouble grasping concepts in class to purchase this ASAP!

I loved this look as it arrived to me today as I was reading a subject in renal physiology. I had Kaplan lecture notes in physiology 2012 and Guyton Pocket physiology and BRS physiology 2011. This one is has easy explanations and that what is needed not merely the equations. Any way any of the mentioned book has its way in the subject but overall this book has fairly medium-large sized letters, very good illustrations and introduction to the subjects PERFECT. 5+ stars to the and Editors and Publishers of this book

Buy anything the Dr. Costanzo writes, because it's all incredibly clear and crazy helpful for medical school. Good luck studying!

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