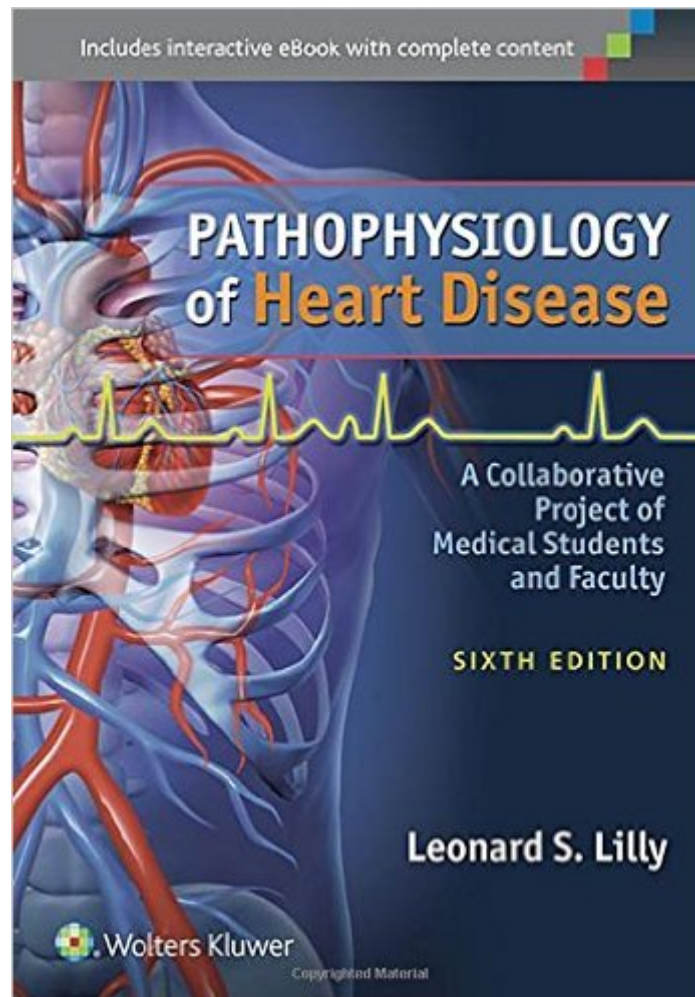


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# Pathophysiology Of Heart Disease: A Collaborative Project Of Medical Students And Faculty



## Synopsis

Specifically designed to prepare medical students for their initial encounters with patients with heart disease, this award-winning text bridges basic cardiac physiology with clinical care. Written by internationally recognized Harvard Medical School faculty and select medical students, *Pathophysiology of Heart Disease, Sixth Edition* provides a solid foundation of knowledge regarding diseases of the heart and circulation. Under the experienced editorial guidance of Dr. Leonard S. Lilly, this best-selling monograph has an outstanding reputation among medical students and faculty worldwide. Student-friendly features of the Sixth Edition include a new, full-color design and illustrations; end-of-chapter summaries; updated content, including recent technological advances; and access to an interactive eBook. A new full-color presentation makes the text more visually appealing. Up-to-date medical imaging and color clinical photographs show real-world examples of cardiovascular diseases and related conditions. Updated Chapter Summaries reflect consistency in length and format, making study easier. Updated Additional Reading references keep readers abreast of the latest literature in the field. Winner of two awards of excellence from the American Medical Writers Association, and recommended by medical schools worldwide. Now with the print edition, enjoy the bundled interactive eBook edition, offering a tablet, smartphone or accessed online to: Complete content with enhanced navigation A powerful search tool that pulls results from content in the book, your notes, and even the web Cross-linked pages, references, and more for easy navigation A highlighting tool for easier reference of key content throughout the text Ability to take and share notes with friends and colleagues Quick-reference tabbing to save your favorite content for future use

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## Customer Reviews

I ordered this book as a companion to my fourth-year Cardiology elective and it was hugely helpful! Although slightly less in-depth than I would like, it does an excellent job of explaining cardiac pathophysiology. Explanations are concise, easily understood, relatively complete, and written in an easy, conversational style. I think this book is likely geared best towards students in their first two years, but still taught me some new things and helped reinforce my understanding of cardiac diseases.

I have owned more than a couple of the editions of this fine book. I have always considered it to be perhaps the best "Intro to Cardiology" book that I have recommended to many classmates or colleagues. Lilly does an outstanding job of boiling down the vast subject of cardiology and producing an easy to read book that includes all the various subjects that one needs to know when dealing with cardiovascular patients. The chapter on pharmacology is probably the best synopsis of cardiovascular drugs I have ever read (yes, I have actually read previous editions of this book from cover to cover). The perfect book for anyone who is looking at working with cardiology patients, whether in the clinic or on the wards.

Lilly's is a solid textbook, but you have to remember the key words here are "pathophysiology" and "disease." Here's what the book doesn't do: lay out all of heart physiology at the beginning of the book and then proceed to pathology, like most introductory books do. Rather, it goes through categories of heart disease chapter by chapter, explaining relevant physiology as needed to understand the PATHOphysiology. The focus is really on the diseases, not giving a comprehensive and basic understanding of normal structure and function. Basically, the focus is reversed. Now, what does that mean for a medical student? So far (I'm about halfway through), I've found it an excellent supplement to my cardiology lectures, but NOT a replacement. In part, this is because I'm reading sequentially, meaning I read Ch. 8 Valvular Heart Disease before learning about pressure-volume loops (in Ch. 9 Heart Failure). My course's traditional lectures go the other way around, explaining the cardiac cycle, fluid mechanics, electrophysiology/ECG, pressure-volume loops, venous/cardiac function curves, etc. before we cover any diseases in detail. As a result, diseases I read in Lilly's before getting to in lecture, I understand very well conceptually and

theoretically. But not so much for the normal function/physiology. For example, I understood the basis of pathologic Q waves at a level of detail not discussed in my lecture. But I don't always feel Lilly's makes it easy to understand what's deranged in every disease, because the focus is more on dysfunctional mechanism than on first establishing every normofunctional mechanism. That said, it's not like that for everything "the ECG chapter is really excellent and basically obsoleted my lecture (aside from not explaining how to precisely measure QRS axis). An ideal companion to this book would be a well-written, digestible physiology book. My med school recommends Guyton and Hall, although many of us (including me) instead go with Costanzo's Physiology. That's helped me understand any mechanisms that Lilly's doesn't nail, and then the strong explanation of pathology in Lilly's completes the picture. I haven't read Guyton and Hall, but that might be preferable over Costanzo for venous/cardiac function curves " after all, Guyton was the one who did the experiments and constructed those curves. If you like understanding the theory of cardiac disease better than what your lectures and normal physiology texts will explain (possibly more than is strictly necessary, but hey, this is personal preference), check out Lilly's. Great reference.

When using this book together with Robbins & Cotran for Heart Pathology, you get a really good understanding of the heart and its many intricacies. Lilly's book is better than Guyton, Costanzo (her text), or any other physiology text when it comes to cardiology. It is also written in a language that is easily grasped, plus the figures in color are excellent. Best book of all medical books

I used this book for my cardiac sonography program, and is hands down, the best book to understand pathophysiology. It reviews anatomy, physiology, pharm, EKG's (not in the depth that Dublin does), signs/symptoms, diagnostic test, exam findings, and treatments. It is very, very readable and high yield. Recommend it to fellow echo students, medical students, PA's, nurses, and anyone else that needs to learn cardiac pathology.

A very readable cardio book that goes into just the right amount of depth for medical students. Far better than learning cardio through first aid or online. This is the first textbook I actually read.

Amazing textbook for a medical student going through cardiology. Easy to understand, great graphics, and comes with an electronic copy so that you don't have to carry the book with you everywhere you go. Highly recommend.

A prime time overview of the fundamentals of heart function and dysfunction. Probably won't replace lecture materials, but it's pretty much an essential supplement for medical students learning cardiology for the first time (and advanced students to look back on).

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