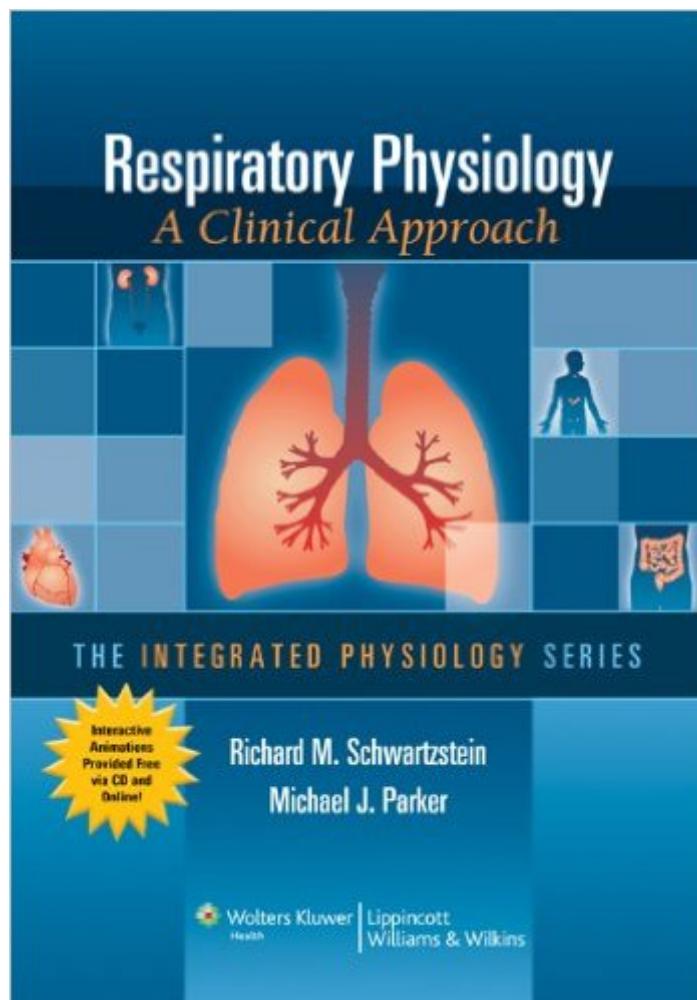


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# Respiratory Physiology: A Clinical Approach (Integrated Physiology)



## Synopsis

Respiratory Physiology: A Clinical Approach offers a fresh new take on learning physiology in a systems-based curriculum. This book won the 2006 Dr. Frank H. Netter Award for Special Contributions to Medical Education, and Dr. Schwartzstein is a 2007 recipient of the Alpha Omega Alpha Distinguished Teacher Award from the Association of American Medical Colleges. Written by renowned and dynamic educators and featuring interactive animations, the book integrates functional anatomy, physiology, and pathology to build a conceptual understanding of respiratory system function. Emphasis is on elements of respiratory physiology that are crucial to understanding and managing clinical problems. A suite of 39 interactive animations accompanies the book. Sample animations can be viewed online: [click here](#). Respiratory Physiology: A Clinical Approach offers the following features: Writing style is clear, concise, reader-friendly, and conversational. A unique approach shows students how material fits together in the context of the respiratory system. Clinical correlations are integrated throughout the book to emphasize the application of knowledge to medical practice. Interactive animations are provided via accompanying CD and free student access on the Web. The animations illustrate clinical concepts described in the book, so students can actually see the effects of physiologic changes. Thought Questions are placed throughout each chapter to make learning more interactive, requiring students to test their ability to integrate the information presented. "Putting It Together" sections use clinical scenarios to highlight key concepts covered in the chapter. These sections appear at the end of each chapter. Special chapters unique to this type of monograph are featured, such as "Form and Function," "Respiratory Sensations," and "Exercise Physiology: A Tale of Two Pumps."

## Book Information

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## Customer Reviews

This book is phenomenal! It is a concise, clear and interesting introduction (and beyond) to pulmonary physiology. Each chapter includes clinical vignettes, indicating the relevance of the topics and thought questions as well as review questions test your understanding of the concepts (well written, detailed answers are provided too! I hate texts that don't provide answers to the questions they pose). These days it seems that all you need to do to publish a book is include a CD... and so lots of texts are now accompanied by useless CDs. But the CD included with this book is actually useful. The interactive figures that correspond to the concepts discussed in the book really bring to life what is being discussed (a good thing, because in general the lungs are moving as we breath). I would highly recommend this book as the main go-to for lung physiology.

This book does an amazing job of making pulmonary physiology comprehensible. Not only is the text extremely well-written, but the accompanying CD provides an innovative, interactive, and extremely effective way of conveying the inherently difficult concepts of pulmonary physiology. Kudos to Schwartzstein and Parker - this is a unique book that now sets the standard for how pulmonary physiology can and should be taught!

This is a terrific book for both the novice (e.g. medical students) and the experienced physician or physiologist. It tackles complex issues in pulmonary physiology in a highly logical, readable, and coherent format, and also in a way that is consistently clinically relevant. In addition, the graphics, both static in the book and dynamic in the multimedia supplement, provide powerful tools for understanding and teaching key concepts.

This is truly a great textbook. I have been involved in the teaching of respiratory physiology and pathophysiology for years, and this book fills a longstanding need -- a concise, clearly written book that illustrates the application of physiology to the understanding of clinical medicine. A series of "thought questions" engage the reader and encourage one to THINK about the material. The text comes with a CD that has beautiful animated and interactive figures that help illustrate essential concepts in a way that usual textbook figures cannot. I highly recommend this book to medical

students, residents, fellows, and anyone else who wants to improve their understanding of how the respiratory system works.

I am a pulmonary fellow who needed some review on respiratory physiology. I read the book cover to cover and found it an excellent resource to understand and correct my previous misunderstandings. The illustrations in the CD were great and I recommend it to all fellows. ghazwan acash

This is the BEST respiratory physiology book that you will ever have. I teach physiology and I feel that this book is unique, both for teachers and students. Very comprehensive, it teaches you how to think so that the concepts become easy to deduce, understand and apply.

Highly recommended if you read older textbooks and have difficulty grasping the concepts. The language, the clinical examples, thought questions and CD really helps one to understand some of the more difficult but basic concepts in respiratory physiology. Will put the reader in good state to understand advanced concepts and explain them.

This is one of the best physiology books I have used in my first year of medical school. I learn by reading so I tend to buy a lot of books, and this is one of the only ones that is clearly written enough that I am going to keep it to help me study for boards. The boards style review questions are great, and having the computer diagrams that go along with the book has been awesome - I haven't used any other book where I could actually play with the concepts interactively online. So helpful!

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