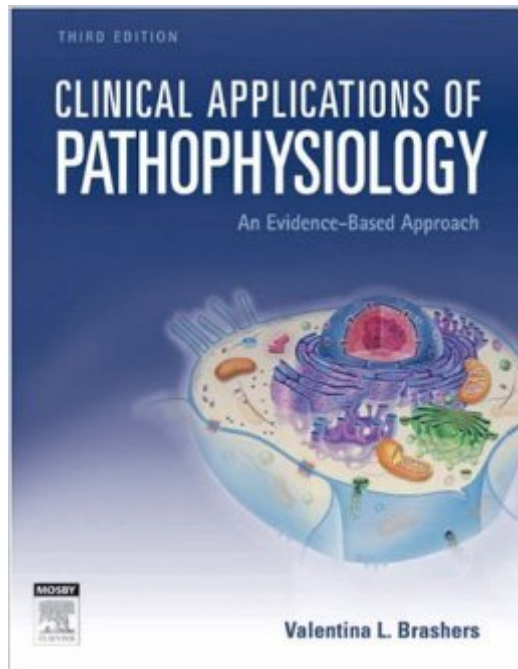


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# Clinical Applications Of Pathophysiology: An Evidence-Based Approach, 3e



## Synopsis

This practice-focused review guide and workbook covers 27 of the most commonly encountered health problems to outline the connections between pathophysiology, assessment, diagnosis, and management, with an emphasis on the clinical use of pathophysiologic concepts. Each chapter includes case studies to illustrate the application of pathophysiology principles to clinical situations with questions relating to patient history, physical examination findings, lab and diagnostic studies, therapies, and follow-up care. Each question is designed to promote clinical reasoning and a deeper understanding through application of the concepts presented. Information on differential diagnosis is included. Consistent presentation of each disease includes definition, epidemiology, pathophysiology, patient presentation (history, symptoms, and examination), differential diagnosis, keys to assessment, and keys to management. Algorithms are used to illustrate the sequential action of disease processes. Unique! Clinical link diagrams for each disorder clearly illustrate how pathophysiologic concepts play a role in patient care. Unique! Critical thinking questions in a fill-in-the-blank format are included for every case study to promote continual clinical reasoning based on the available data. Case studies give students the history, physical examination, lab and diagnostic test results, and course of treatment for a hypothetical patient. Up-to-date bibliographies provide reading lists of the most important and current research published on each disease. Perforated pages allow students to fill out the answer spaces in the case studies and turn them in to their instructors for evaluation. Suggested answers with rationales to case study questions are available to instructors who require the book, to facilitate the use of the cases as class assignments. Table of laboratory test values for quick reference.

## Book Information

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## Customer Reviews

This book is fantastic. I had the privilege of taking undergraduate and graduate level pathophysiology classes taught by Dr. Brashers and they have been the most helpful classes in my nursing career. This book is so good that I gave a copy to my sister who is currently enrolled in another nursing program so that she can have the best resource available. This is not a huge textbook that one must wade through. The format involves taking a common disease or disorder then going through a systematic process of discussing normal functions, genetic components, patho, and current research. Dr. Brashers does an excellent job of staying up to date on research, even given the limitations of printing. The list of topics is not all-inclusive, but the applications are much broader. For instance, the HIV section teaches one about the immune system. There are a few characteristics of the book that make it particularly useful. First of all, she is very clear in her language, portraying concepts in words better than any other textbook or reference books have done. She also uses a number of graphs and pictures to help those who are more visually oriented. Finally, she includes case histories so that readers can better imagine a complete picture of a patient and how care for them might evolve.

This book is a great resource for those in health care professions who are seeking to better understand how to apply pathophysiological processes in clinical practice. It is also a excellent guide to examining some of the pathophysiologic alterations seen in specific disease states. The feature that I have found most helpful are the flow charts, which summarize a significant amount of complex information into a clear and concise format that is easy to comprehend. The case studies are practical and grounded in the latest research. I eagerly anticipate the next edition!

This book had been very useful in clarifying large amounts of information specific to disease processes. I would recommend this text to anyone that is taking advanced pathophysiology. The book has case studies that include outlines that highlight the disease process, treatment modalities, and intial assessment of diseses.

I am teaching an advanced pathophysiology course and looking for supplemental texts to help students. This does a nice job explaining certain disease processes including epidemiology,

pathophysiology, patient presentations, and management. It does not go into extreme depth, but does offer the student a nice solid understanding of the disease. The problem is there are so few diseases discussed in this text. For example, the only disease discussed in the endocrine system is type 2 diabetes! This could have been a great text, but as is it only serves as a minor supplement to other more thorough texts available. Bottom line, I like the spoonful of material I got, but now I want the whole meal!

This text is geared toward the needs of a graduate student in Pathophysiology, and may not be useful for undergraduate students. Somewhat laborious sections regarding minutiae - the case study text ('Clinical Applications') helps with a need to review case studies.

I had the very good fortune to study under Tina Brashers, MD, during my NP training at UVa, while enrolled in her Advanced Pathophysiology course. Although her text is superior for graduate learning (e.g., bulleted, salient information versus paragraph form), it does NOT replace her lecturing from her text, vis-à-vis; a true powerhouse lecturer and educator. In her text, Dr. Brashers has compiled complex topics and information, and transformed them into cohesive and logical, flowing frameworks. A must read for any graduate student in the health sciences, and even for ambitious learners yearning to advance their knowledge at the baccalaureate level. McCance and Huether's, 'Pathophysiology: The Biologic Basis for Disease in Adults and Children', was a stellar choice to supplement readings from, 'Clinical Applications of Pathophysiology: An Evidence-Based Approach, 3e'! Two very enthusiastic thumbs up; a MUST have!

this is such an excellent book...very precise and what i was looking for...gives excellent details and lots of pictures/diagrams for easy learning/understanding.

I bought this book thinking it would be nice to have for my class. However, my teacher posted all of the needed info and I ended up not using it. The book was in excellent shape and shipped quickly.

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