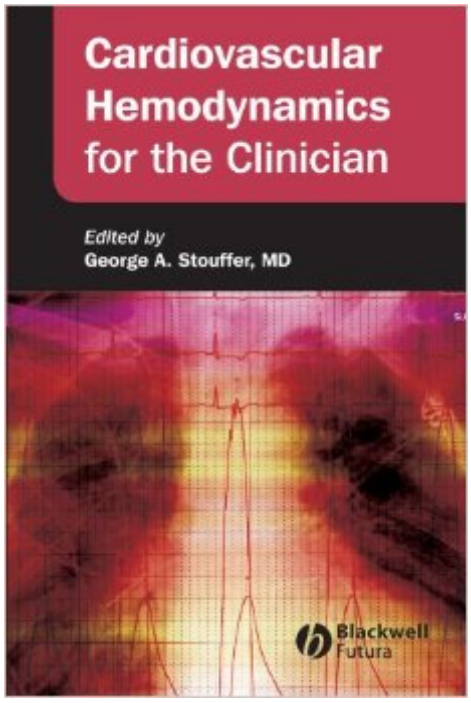
Cardiovascular Hemodynamics For The Clinician



Synopsis

Now you have a dependable guide to the practical application of hemodynamics. This concise handbook will help both practicing and prospective clinicians better understand and interpret the hemodynamic data used to make specific diagnoses and monitor ongoing therapy. Written from the perspective of a clinician, this convenient paperback opens with an overview of the basics of hemodynamics, then devotes chapters to specific disease states. Topics include: â ¢ coronary artery disease â ¢ cardiomyopathies â ¢ valve disease â ¢ arrhythmias â ¢ pericardial disease Numerous pressure tracings throughout the book reinforce the text by demonstrating what you will see in daily practice. To extract as much useful information as possible from the hemodynamic data obtained from your patients, be sure to consult Cardiovascular Hemodynamics for the Clinician.

Book Information

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Customer Reviews

As a cardiothoracic anesthesiologist, I found this book to be applicable to my daily clinical duties. The text is concise and easy to read and digest. My favorite section was Part I: Basics of Hemodynamics, as it provided a fantastic summary of many basic principles. The first chapter offered a succinct review of physics equations relevant to physiologic parameters and their derivations. Additional chapters in Part I were complete with diagrams and waveforms as well as simple explanations of how to dissect waveform components. In certain sections of the book, it is obvious that the authors were writing from the perspective of the cardiac catheterization lab and not the operating room. However, I found it interesting to have insight into the cath lab perspective.This

book is very complete. In addition to the basic hemodynamic chapters, it contains sections on valvular pathology, cardiomyopathies, pericardial disease, intra aortic balloon pumps and more. Most of the chapters provide a brief history, succinct text, multiple diagrams, and real cases.Overall, this book is easy to read and comprehend. Its size, content, and clarity make it an easy to use reference book for an anesthesiologist. I foresee using this book as a teaching tool in the operating room.

I have been looking around for a good pocket sized, yet comprehensive, book on cardiovascular hemodynamics for quite some time. Most of the other good books on the subject are either out-of-print or too bulky to carry around. I really like the comprehensive nature of the Hemodynamic Monitoring: Invasive and Noninvasive Clinical Applications by Darovic, but it is a pretty big text to carry around; the handbook version is also great, but not quite as comprehensive as I wanted.This book is the best of both worlds. It is compact, but also has a volume of information regarding not only the hemodynamic parameters and waveforms for a wide range of cardiovascular diseases, but also data on other related clinical findings and studies. It does a great job of taking all the information used to establish a diagnosis and compiles it into chapters on each disease process. It also has chapters on sections that may be omitted from similar books, such as intracardiac shunts (typically just combined with other congenital defects) and coronary hemodynamics.I highly recommend this book for anyone looking for a comprehensive, yet portable book for their office, clinic, or lab coat.

This book is an excellent review of cardiovascular hemodynamics. It begins with an outstanding overview of hemodynamic and cardiac physiology principles, followed by clinical topics that are divided into short, easy-to-read chapters that make for quick reference. Numerous images and hemodynamic tracings are found throughout the book to illustrate important points. Most chapters conclude with a sample clinical case to reinforce the topic.As a clinical cardiology fellow, I have found this book to be one of the most useful and helpful books during my cardiac cath rotation. I have found myself referring to it many times. I especially like the sample cases at the end of each chapter which demonstrate how to use this information to solve real clinical problems that are representative of the clinical scenarios faced in the cath lab. I keep this book with me in the lab and use it both as a comprehensive review of hemodynamics and as a quick reference between cases. I think anyone who wants to have a good understanding of invasive hemodynamic assessment will find this book to be extraordinarily useful.

Cardiovascular Hemodynamics for the Clinician is the most useful textbook on cardiovascular hemodynamics I have read. Other textbooks I have seen are more bulky and don't teach the material as succinctly as this one does. It is a small paperback book, which means it is also very portable. The book is organized in short chapters with a plethora of helpful figures and tables. The text is well-written and easy to read. Each chapter ends with case studies, which allows the reader an opportunity to process the material he/she has just read.All relevant topics are covered, including normal hemodynamics, valvular regurgitation and stenosis, heart failure, differentiating constrictive and restrictive cardiomyopathy, tamponade, intracardiac shunts, pulmonary hypertension, and intra-aortic balloon pumps, to list a few. All relevant hemodynamic equations, from the Fick principle, to shunt quantification, to the Gorlin formula are presented in their respective chapters in tabular form, which makes them easy to find when referring back to the chapter. What makes this book so helpful, though, are the numerous hemodynamic tracings from actual patients that reinforce the concepts addressed in each chapter. Each diagram is well-labeled for easy understanding. Relevant physical exam findings and echocardiographic correlates are outlined to solidify the reader's knowledge of each pathophysiologic process.Cardiovascular Hemodynamics for the Clinician has been an essential reference for me as a cardiology fellow, but as the name suggests, it is a phenomenal resource for all clinicians who seek to further their understanding of cardiovascular hemodynamics.

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