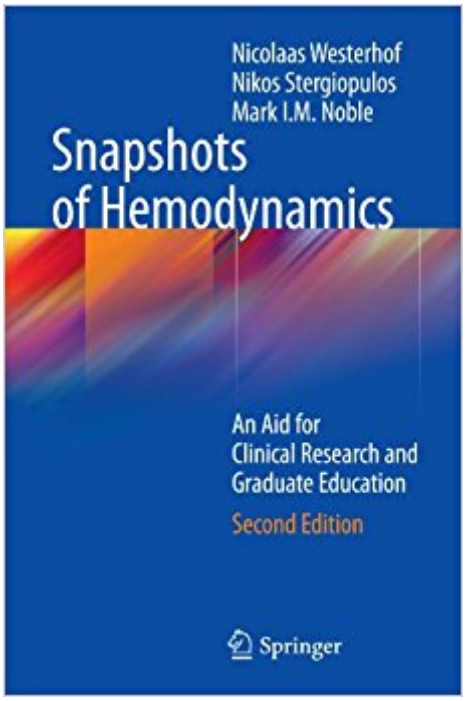
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Snapshots Of Hemodynamics: An Aid For Clinical Research And Graduate Education



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Synopsis

This book is written in a quick reference style to help clinical and basic researchers, as well as graduate students, in the understanding of hemodynamics. Recent dev- opments in genetics and molecular biology on the one hand, and new noninvasive measurement techniques on the other hand, make it possible to measure and und- stand the hemodynamics of heart and vessels better than ever before. Hemodynamics makes it possible to characterize, in a quantitative way, and even with noninvasive techniques the function of the heart and the arterial system, separately and in c- bination, thereby producing information about what genetic and molecular processes are of importance for cardiovascular function. We have made the layout of the book such that it gives a succinct overview of individual topics in short chapters Therefore every chapter starts with a Ã¢â ¬Å“boxÃ¢â ¬Â• c- taining a figure and caption, describing the main aspects of the subject. It is often sufficient to study the contents of this box alone to obtain this basic information, and therefore it is not necessary to read the book from cover to cover.

Book Information

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Customer Reviews

From the reviews of the second edition:Ã¢â ¬Å“This is a quick reference on the concepts of hemodynamics and their clinical relevance. Ã¢â ¬Â¦ The book is written for students and research personnel who seek a conceptual understanding of cardiovascular hemodynamics. Concise chapters with simplified diagrams and graphs provide clear descriptions of the principles of hemodynamics. Ã¢â ¬Â¦ A reference list ends each chapter. This well-written reference meets the

needs of its audience. The authors have effectively presented a complex subject in a concise book, in an easy to understand, user-friendly format.Ã¢â ¬Â• (Dharmendrakumar A. Patel, DoodyÃ¢â ¬â„¢s Review Service, December, 2010)

Hemodynamics make it possible to characterize in a quantitative way, the function of the heart and arterial system, thereby producing information about which genetic and molecular processes, and which abnormalities, are of importance for understanding cardiovascular mechanisms in health and disease. Snapshots of Hemodynamics: An Aid for Clinical Research and Graduate Education, Second Edition by Nico Westerhof, Nikos Stergiopulos and Mark I.M. Noble is a quick reference guide designed to help basic and clinical researchers as well as graduate students to understand hemodynamics. The layout of the book provides short and independent chapters with teaching diagrams as well as clear descriptions of the essentials of basic and applied principles of hemodynamics. References are provided at the end of each chapter for further reading and reference. Nico Westerhof, PhD is affiliated with the Laboratory for Physiology at VU University Medical Center in Amsterdam, The Netherlands. Nikos Stergiopulos, PhD is affiliated with the Laboratory of Hemodynamics and Cardiovascular Technology at the Swiss Federal Institute of Technology in Lausanne, Switzerland. Mark IM Noble, DSc, MD, PhD is affiliated with Cardiovascular Medicine at Aberdeen University, Aberdeen Royal Infirmary in Aberdeen Scotland.

Very good book. Although I think this book is mainly aimed for researchers, it can be also considered as a great help to clinicians who want to dig into hemodynamics. I've found it very useful.

waste of $. no solutions to homework problems,. th hw problems are vastly diff from chapter problems. terrible

This is a must-have book for clinicians who are fond of hemodynamics and arterial mechanics. The only drawback of the book is not being so comprehensive. Nonetheless, i strongly recommend it. And i also recommend .com not taking into account complains about delivery issues, as in this example. A customer had given only one star to this book because of delivery problems, but there is nothing this book could do about it. I give 4 stars, if page number is doubled in the next edition, i will definitely give 5 stars.

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