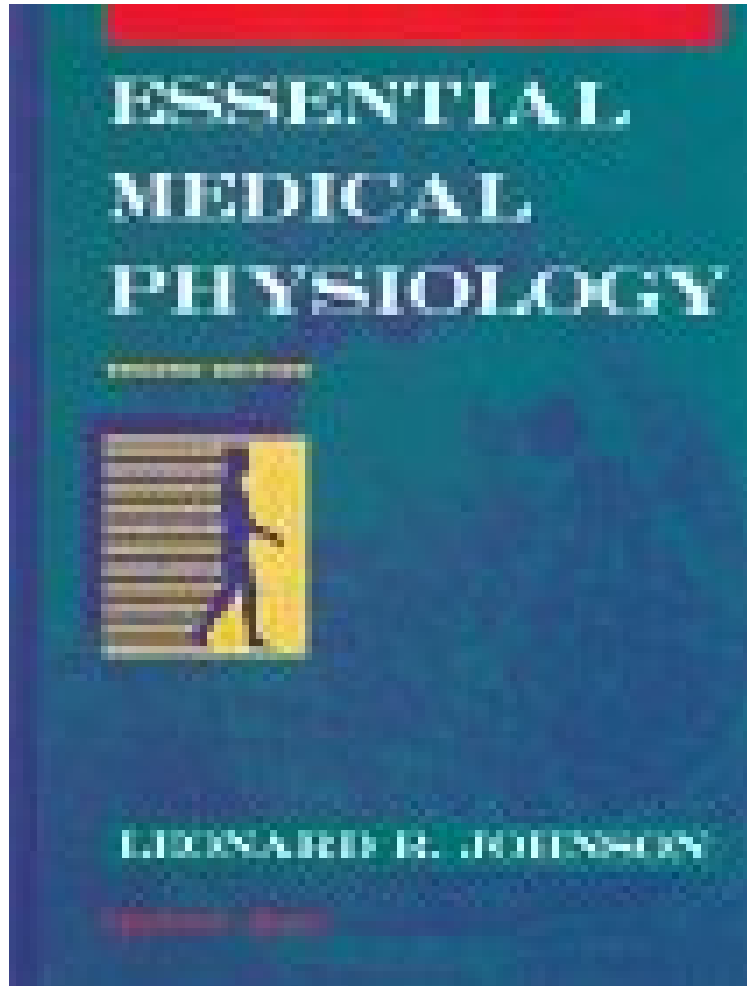


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Essential Medical Physiology

Leonard R. Johnson

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Leonard R. Johnson : Essential Medical Physiology before purchasing it in order to gauge whether or not it would be worth my time, and all praised Essential Medical Physiology:

0 of 0 people found the following review helpful. Four Stars By Sexy Beast Good book, a little boring 6 of 6 people found the following review helpful. Clear and Concise By Scott Most students will find that learning physiology from a textbook can be quite a chore. Pure physiology books are usually so packed full of tiny text and incomprehensible diagrams that most people will be either beside themselves with panic or comatose after just a few pages. The authors of Essential Medical Physiology seem to have realised these facts and have produced a book which differs significantly from others in the field. The text is marginally larger than in comparable books and the chapters are thoroughly indexed and summarised. In short, the authors seem to be refreshingly in tune with the medical student's needs. Explanations are written in an almost informal manner and reach the level of complexity exactly appropriate for

a medical degree. Processes students traditionally struggle with (such as the countercurrent exchange system in the nephron) are presented clearly and lucidly with extremely accessible accompanying diagrams that take you through the arguments step-by-step. Essential Medical Physiology also tackles any feelings of apathy towards the preclinical teaching by continually supplying the reader with 'Clinical Notes' which flag-up the importance of understanding the physiological mechanisms to the practise of clinical medicine. The figures are extremely clear and lucid throughout, despite being presenting in a two-tone blue and black format. Diagrams of this quality, however, require a large amount of space and areas slightly off the beaten track of core medical physiology have been cut to a minimum. The reader will find explanations of intracellular processes, such as protein synthesis, extremely brief - but it is not a medical physiology book that one would immediately turn to for this information. In summary, when lost in the jungle that is preclinical physiology, it is depressingly often that the book you turn to for guidance is not only ignorant of the direction you should take but doesn't even seem to speak your language. Essential Medical Physiology will not only point you in the right direction, it will draw you a map and advise you on the best guest houses for when you get out. It is a refreshingly clear book in both text and diagrams. 2 of 6 people found the following review helpful. Desperate Students Only!!

By Samantha Jones

While not the avid "reviewer" type, I thought it necessary to warn others about this text. Purchasing this book as an "optional" text for my undergraduate physiology course, I expected that it would provide clear explanations of the processes being covered in lectures. I was first disappointed in flipping through to discover that the book only includes a few diagrams all of which are entirely composed of blue and or black ink. Then, hoping to find clear explanations inside the small type, journal style, marginless and endless paragraphs, I was again disappointed. Halfway through my full year course I am searching for more options as this book fails to help me in those desperate moments when lecture notes just don't seem to make sense. This book goes into lengthy detail with mediocre summaries, such that the reader gets lost in details (and the neverending sentences) long before any understanding of the topic occurs. The lack of diagrams leaves no other option other than finding another source. Any students out there?? Find another book! Any GOOD text will get you through, with all the essential information you need for both personal interest and for exams.

This textbook is designed to equip students with the background in physiology required for medical practice or for further study in the biomedical sciences. It provides treatments of the fundamental principles of general and organ system-specific physiology and the complexities of integrative physiology. This second edition features a new section on neurophysiology and a new concluding section on integrative physiology, thermal regulation, and shock and heart failure. The sections on cardiovascular and respiratory physiology have been rewritten. The second edition contains 400 new or revised illustrations and many new pedagogical features, including summaries of key concepts at the beginning of each chapter and specially highlighted notes on the clinical relevance of the material. A separate book containing study questions and answers accompanies the text.