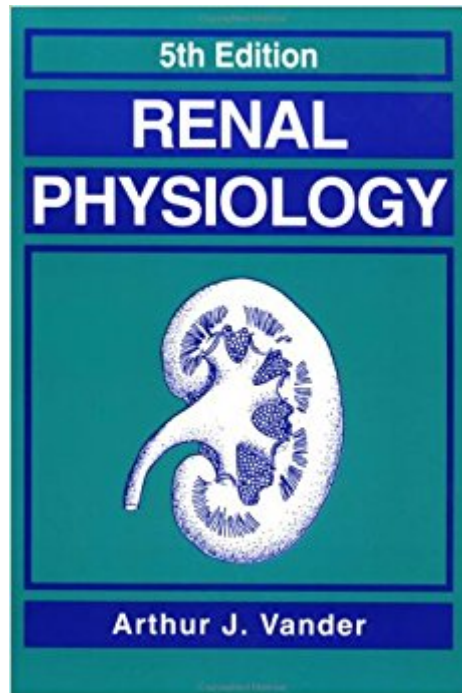




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# Renal Physiology



## Synopsis

This revised edition of a monograph which introduces the student to the basic science principles and clinical applications of renal physiology begins with structure and function of the kidneys and a step-by-step review of renal processes. The text emphasizes the core body of information needed to fully understand renal haemodynamics, sodium and water excretion, renal regulation of potassium, hydrogen ion and calcium/phosphate balance. The book introduces the student to the molecular biology aspects of renal physiology. It also: includes more study questions with detailed answers following each chapter; outlines "learning objectives" in each chapter, and features expanded lists of suggested readings; and includes expanded coverage of intra-renal mediators. Detailed footnotes and suggested readings are supplied for expanded study.

## Book Information

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## Customer Reviews

MASTERY OF CONCEPTS & NOT MEMORIZATION OF FACTS. . Concise and readable, this text explores the fundamental aspects of renal physiology that are essential for an understanding of clinical medicine. . . RIGHT TO THE POINT. \*Offers the best review for the USMLE Step 1 . \*Presents the normal functions of the kidney with clinical correlations to disease states. \*Offers current research on the molecular and genetic principles underlying renal physiology. \*Describes the interrelationships between blood pressure and renal function . \*Includes key concepts, learning objectives, clinical examples, and study questions . \*Provides a high-yield review of the concepts and functions of renal physiology. \*Explains difficult concepts thoroughly, without

oversimplification. . ON VANDER'S RENAL PHYSIOLOGY. \*\*\*\*\* Ã Ä Å The book to have re: the beans ... If you want to understand the Kidney, no matter where you are in your studies or practice, I wholeheartedly recommend this text.". Ã Ä Å Kevin C. Delahanty, MD, USN, online review. . \*\*\*\*\* "A lifesaver ... I am now studying for the USMLE Step 1. I have not looked at Vander's book in a year, but I still remember renal phys, and reviewing it now is the easiest part of my studying ... because, thanks to Vander, I actually understand renal physiology. A great book!!". Ã Ä Å Online reader review. . \*\*\*\*\* "Very well written, and covers all the basic principles that you will need to know to understand pathologies associated with the kidneys.". Ã Ä Å Online reader review --This text refers to an out of print or unavailable edition of this title.

Douglas C. Eaton, Ph.D.: Distinguished Professor, Department of Physiology; and Director, Center for Cell and Molecular Signaling, Emory University Medical School, Atlanta. . John Pooler, Ph.D.: Associate Professor of Physiology, Department of Physiology, Emory University Medical School, Atlanta --This text refers to an out of print or unavailable edition of this title.

Baby-steps you through the complex physiology, starting from the VERY BASICS for each topic at hand, just to keep the people who snoozed thru Gen Chem up to snuff (i.e. "What is a buffer and how do buffers work?" for the acid/base chapter), then moves on to more difficult stuff, until you're surprised that you can actually understand the really advanced physiology. Doesn't only explain what happens, but also WHY the water or particular solute "decides" to be filtered/excreted/reabsorbed/secreted at each part of the tubular lumen/ECF/peritubular capillary. Really methodical and well-organized. Highly recommended!

Awesome book for Renal Physiology

Very good book, everything is simplified, easy introduction into subject, it is almost like being spoon fed. Pathologic correlations are given, it does not have all the biochemistry but major subjects are covered and author has conceptualized that makes everything easy.

Read book cover to cover in preparation for your renal exam during nurse anesthesia school. Usually required too.

For any medical student that needs a comprehensive, but easily understood explanation of the

structure and function of kidneys, I highly recommend Renal Physiology by Vander. It is very well written, and covers all the basic principles that you will need to know to understand pathologies associated with the kidneys.

This is the classic book for learning renal physiology. The book is small and compact, and does a great job explaining the basic concepts in renal physiology. It is not for advanced study or for learning renal pathology, but is great for covering the basics. It is appropriate for medical and graduate students as well as other health-related students. While not perfect, overall I think this is a solid choice for learning renal physiology, and would highly recommend it. For study of physiology more generally, I would recommend any of the various Guyton books on Medical Physiology. Guyton and Hall Textbook of Medical Physiology, 13e (Guyton Physiology)

Renal physiology can be very difficult to truly understand, and yet an understanding of it is essential to understanding so many aspects of physiology, pathology, and pharmacology. Studying diuretics for cardio pharm is nightmarish unless you understand the physiology of the loop of Henle. Vander takes this difficult yet important subject and makes it easy to understand. The book reads extremely quickly, and the flow-charts and diagrams are amazing. I never even opened Berne & Levy for renal phys--I read Vander's book (which is no longer than B&L's renal chapters) and cruised through renal phys. I am writing this review now, a year after I took physiology, because I am now studying for the USMLE Step 1. I have not looked at Vander's book in a year, but I still remember renal phys, and reviewing it now is the easiest part of my studying (the only easy part, in fact). That is because, thanks to Vander, I actually understand renal physiology. A great book!!

Kelly needs it , tell a lot of the product . it is recommend. Love this product. just what I was looking for at a reasonable price. Delivery was very fast. the speed is so amazing

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