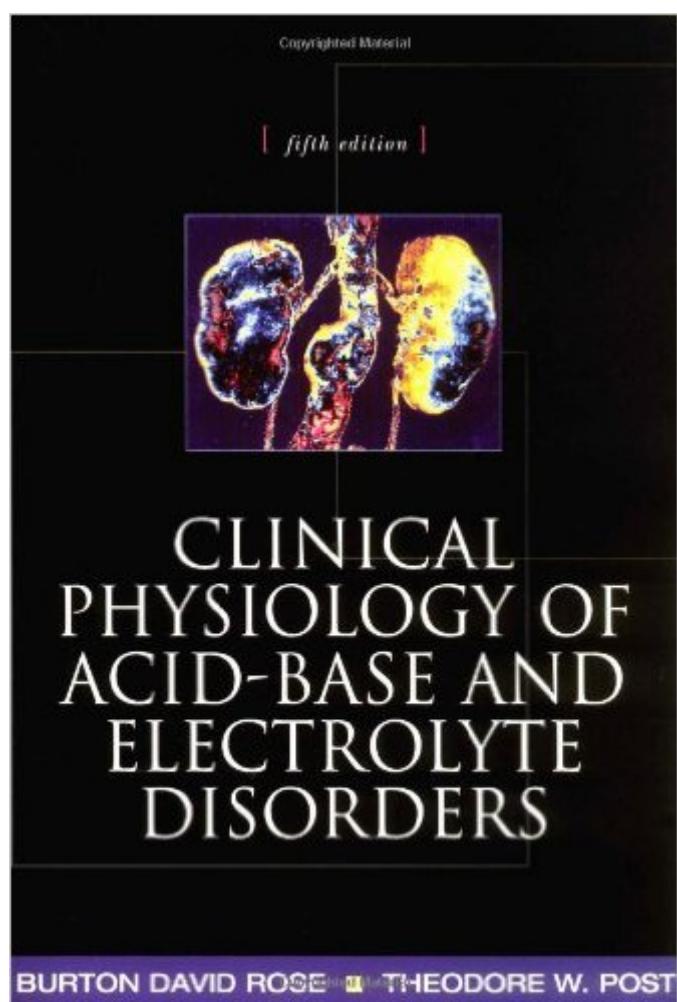


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# Clinical Physiology Of Acid-Base And Electrolyte Disorders (Clinical Physiology Of Acid Base & Electrolyte Disorders)



## Synopsis

This superbly written text gives students, residents, and practitioners the edge in understanding the mechanisms and clinical management of acid-base disorders. Presents the core information to understand renal and electrolyte physiology, and reviews the treatment rationale for all major acid-base and electrolyte disturbances. The entire text is exhaustively revised, and now includes questions and answers in each chapter.

## Book Information

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## Customer Reviews

This is the best clinical physiology text one can buy. Rose has such a beautifully elegant writing style that you will not want to put this book down. I kid you not, this is the only book you will need to understand fluids, electrolytes and acid/base physiology. This text book is filled with repetition all in the hopes of having the reader understand. Fluid and acid/base can be incredibly complicated but this book clearly shows how everything actually makes sense. Fluid and electrolytes in my opinion are the hub for medicine - this book will get you rolling. Man, they need a gold-bound edition for this bad boy. All kidding aside if you are a fan of Guyton...you'll be a fan of Rose.

I am currently studying medicine and got this book to help get a handle on the renal system and acid-base topics. I found it easy to understand, with good detail and lots of extra information. The case studies are a great way to illustrate the different conditions. I would definitely recommend it if

you are keen to get a handle on (or master) acid-base and electrolyte physiology and disorders.

As a medical student with an interest in nephrology and acid-base disorders, this book provides a readable but rigorous discussion of the subject. Chapters are well-organized and do not have to be read in order - they are written to be independently referenced as the need arises.

This is a one stop book. Renal physiology and Acid-Base Balance is explained in detail and in simple terms. Author provides various scenarios for each condition. Implications of each change in renal physiology is described in many occasions. book is divided into four section and after brief introduction major part of the book is about regulation of water and electrolyte and best part is the final chapter where acid-base disorders are explained with physiologic concepts. Relatively thick book on a single subject and therefore coverage is very good yet it is very easy to read and understand. Another good part is that each chapter has few questions and you can check yourself with answers provided at the end of the book.

An impressively lucid and detailed account of renal physiology, with a close focus on the clinical causes and implications. It is intensely practical, with up to date references (at time of publication) and sifting exercises at the end of each chapter. It is precisely what far too many 'nephrologists' have all but forgotten in their obsession with immunology, studying the aetiology of injury is all well, but without a text like this it's difficult to appreciate the intricacy, beauty and sheer majesty of renal physiology. Can you tell the difference between tubulo-glomerular feedback and glomerulotubular balance? - shame on the 'forensic pathologists' who can't! This book will provide rapid relief.

This is a complete introduction to acid-base and fluid-electrolyte problems. Simple and yet detailed enough to answer most questions. Indispensable for the nephrology trainee and practicing nephrologist. While this is a must read for renal fellows, it's an excellent resource for both medical students and internal medicine residents. Several chapters are also available in the nephrology section of UpToDate as chapters on physiology if you just need to refer to a section of the book.

I had read chapters of this book in medical school and things that a lot of physicians seem to misunderstand, such as water balance, are made so clear and explained so well, I had to have a copy. Anyone who takes care of hospitalized patients can benefit from this book as we deal with electrolyte and acid-base disorders on a daily basis. The best book I have read on this topic.

No doubt, this is a terrific textbook and is a great resource for Nephrology fellows, ICU fellows and general physiologists. However, for the med student or housestaff who would like to digest the basics of renal electrolyte handling and acid-base homeostasis, I'd like to recommend "Renal Pathophysiology the Essentials" by B.D. Rose and H.G. Rennke (ISBN: 0683073540). It is from 1994 and may lack some of the molecular details, but is an even more "readable" text.

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