For more than 40 years, this well-regarded reference has bridged the gap between basic and clinical sciences for the many disorders associated with electrolyte imbalances and kidney dysfunction.

Authoritative and easy to read, the eighth edition has been thoroughly updated by experts in the field to reflect recent developments in renal pathophysiology. Each chapter first introduces normal physiology, then covers each disorder's clinical features, diagnosis, and treatment. Helpful diagrams, algorithms, and tables further explain the complex concepts.

Key Features:

- A new two-color format throughout promotes easier comprehension and faster navigation.
- Redrawn and colorized line drawings make complex concepts easier to understand and more visually appealing.
- New coverage includes: recent developments in disorders of water homeostasis; substantial new information on genetic hypokalemic and hyperkalemic disorders; new content on calcium, phosphorus, vitamin D, and parathyroid hormone activity; a new chapter on the genomic and nongenomic effects of angiotensin and aldosterone in renal and cardiovascular disease; an up-to-date discussion of the pivotal role of the kidney in the pathogenesis of hypertensive states; new advances in our understanding of the glomerulopathies and vasculitides; and much more.
- Ideal for all members of the nephrology team, including residents and fellows in nephrology, internal medicine, and other specialties, as well as nurses and physician assistants.