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Autore	Reddi Alluru S.
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Nota di contenuto	Body Fluid Compartments -- Interpretation of Urine Electrolytes and Osmolality -- Renal Handling of NaCl and Water -- Intravenous Fluids: Composition and Indications -- Diuretics -- Disorders of Extracellular Fluid Volume: Basic Concepts -- Disorders of ECF Volume: Congestive Heart Failure -- Disorders of ECF Volume: Cirrhosis of the Liver -- Disorders of ECF Volume: Nephrotic Syndrome -- Disorders of ECF Volume: Volume Contraction -- Disorders of Water Balance: Physiology -- Disorders of Water Balance: Hyponatremia -- Disorders of Water Balance: Hypernatremia -- Disorders of Potassium: Physiology -- Disorders of Potassium: Hypokalemia -- Disorders of Potassium: Hyperkalemia -- Disorders of Calcium: Physiology -- Disorders of Calcium: Hypocalcemia -- Disorders of Calcium: Hypercalcemia -- Disorders of Phosphate: Physiology -- Disorders of Phosphate: Hypophosphatemia -- Disorders of Phosphate: Hyperphosphatemia -- Disorders of Magnesium: Physiology -- Disorders of Magnesium: Hypomagnesemia -- Disorders of Magnesium: Hypermagnesemia -- Acid-Base Physiology -- Evaluation of an Acid-Base Disorder -- High Anion Gap Metabolic Acidosis -- Hyperchloremic Metabolic Acidosis: Renal Tubular Acidosis -- Hyperchloremic Metabolic Acidosis: Nonrenal Causes -- Metabolic Alkalosis -- Respiratory Acidosis -- Respiratory Alkalosis -- Mixed Acid-Base Disorders -- Fluid, Electrolyte and Acid-

Base disorders in Special Conditions - Acute kidney injury -- Fluid, Electrolyte and Acid-Base disorders in Special Conditions - Chronic kidney disease -- Fluid, Electrolyte and Acid-Base disorders in Special Conditions - Kidney transplantation -- Fluid, Electrolyte and Acid-Base disorders in Special Conditions - Pregnancy -- Fluid, Electrolyte and Acid-Base disorders in Special Conditions - Liver disease.

Sommario/riassunto

This updated edition provides a clear and concise understanding of the fundamentals of fluid, electrolyte and acid-base disorders that are frequently encountered in clinical practice. Each chapter follows a standard format that begins with pertinent basic physiology followed by its clinical disorder. Cases for each fluid, electrolyte and acid-base disorder are discussed, along with board-type questions with explanations to increase clinicians' knowledge. Revised with new developments in the field, this edition's expanded chapters cover useful information left out of other textbooks. This practical, current, and clinically oriented book is a must-have reference for practicing physicians, students, residents and fellows.
