
TABLE OF CONTENTS (Volume 1)

PHARMACOKINETICS: A REFRESHER	1-1
<i>Basic Pharmacokinetic Relationships; Absorption; Distribution; Clearance; Nonlinear Pharmacokinetics; Noncompartmental Pharmacokinetics; Data Collection and Analysis; Pharmacokinetics in Renal Disease; Pharmacokinetics in Hepatic Disease; Pharmacodynamics; Therapeutic Drug Monitoring</i>	
MEN’S AND WOMEN’S HEALTH	1-37
<i>Hormone Therapy and Menopause; Osteoporosis; Drugs in Pregnancy; Drugs in Lactation; Complications in Pregnancy; Overview of Contraception; Combined Hormonal Contraceptives, containing both an Estrogen and a Progestin Hormone; Progestin-Only Contraceptives, Containing Only a Progestin Agent with No Estrogen; Intrauterine Devices (IUDs) and Systems (IUSs); Implants (Nexplanon); Emergency Contraception; Menstrual Disorders (Independent Study); Infertility; Sexually Transmitted Infections Including Pelvic Inflammatory Disease, Gynecologic Infections; Prostatic Infections; Male Sexual Dysfunction</i>	
PEDIATRICS	1-125
<i>Sepsis and Meningitis; Respiratory Syncytial Virus Infection; Otitis Media; Immunizations; Pediatric Seizure Disorders; Attention-Deficit/Hyperactivity Disorder</i>	
POLICY, PRACTICE AND REGULATORY ISSUES	1-169
<i>Congressional Overview, Committees with Jurisdiction over Health-Related Policy, and the Legislative Process; U.S. Government Departments and Agencies with Primary Regulatory Impact on the Practice of Pharmacy; Recent Legislative Activity with Regulatory and Health Policy Implications; the U.S. Food and Drug Administration and the Prescription Drug Approval Process; Accrediting Organizations and Quality Improvement Efforts; Institutional Medication Use Policy Considerations; Investigational Drug Service</i>	
BIOSTATISTICS: A REFRESHER	1-209
<i>Introduction to Statistics; Types of Variables and Data; Types of Statistics; Population Distributions; Confidence Intervals; Hypothesis Testing; Statistical Tests and Choosing a Statistical Test; Decision Errors; Correlation and Regression; Survival Analysis; Selected Representative Statistical Tests</i>	
STUDY DESIGNS: FUNDAMENTALS, INTERPRETATION, AND RESEARCH TOPICS	1-233
<i>Introduction: Why Do Pharmacists Need to Know About Study Design and Interpretation; Various Concepts in Study Design; Case Reports/Case Series; Observational Study Designs; Incidence, Prevalence, Relative Risks/Risk Ratios, and Odds Ratios; Randomized Controlled Trial Design; Other Issues to Consider in Controlled Trials; Controlled Clinical Trials: Analysis; Common Approaches to Analyzing Clinical Trials; Systematic Review/Meta-analysis; Summary Measures of Effect; Reporting Guidelines for Clinical Studies; Pharmacoeconomic Studies; Sensitivity/ Specificity/Predictive Values; Institutional Review Board/Human Subjects’ Research; Professional Writing: The Publication Process</i>	
CHRONIC CARE IN CARDIOLOGY	1-269
<i>Heart Failure; Atrial Fibrillation; Hypertension; Dyslipidemia; Chronic Coronary Heart Disease and Chronic Stable Angina</i>	

ACUTE CARE IN CARDIOLOGY **1-331**
Acute Coronary Syndrome; Acute Decompensated Heart Failure; Acute Life-Threatening Arrhythmias; Hypertensive Crises

INFECTIOUS DISEASES I **1-393**
Respiratory Tract Infections; Urinary Tract Infections; Skin and Structure Infections; Diabetic Foot Infections; Osteomyelitis; Central Nervous System Infections; Endocarditis; Peritonitis and Intra-abdominal Infections; Clostridioides difficile Infection; Surgical Prophylaxis

INFECTIOUS DISEASES II **1-447**
Human Immunodeficiency Virus; Opportunistic Infections in Patients with HIV; Tuberculosis; Fungal Pharmacotherapy; Antifungal Agents

NEUROLOGY **1-495**
Epilepsy; Ischemic Stroke; Parkinson Disease; Headache; Multiple Sclerosis; Peripheral Neuropathy

TABLE OF CONTENTS (Volume 2)

GENERAL PSYCHIATRY	2-1
<i>Schizophrenia; Major Depressive Disorder (MDD); Bipolar Disorder; Anxiety and Related Disorders (OCD, PTSD); Insomnia; Substance Use Disorders</i>	
FLUIDS, ELECTROLYTES, AND NUTRITION	2-73
<i>Fluid Management; Osmolality; Hypertonic Saline; Hypotonic Intravenous Fluids; Hyponatremia and Hypo-osmolal States; Hypernatremia and Hyperosmolal States; Disorders of K⁺; Disorders of Magnesium Homeostasis; Disorders of Phosphorus Homeostasis; Disorders of Calcium Homeostasis; Enteral Nutrition; Parenteral Nutrition</i>	
CRITICAL CARE	2-127
<i>Interpretation of Hemodynamic Parameters; Treatment of Shock; Interpretation of Acid-Base Disturbances; Acute Respiratory Failure; Cardiac Arrest; Pain, Agitation, Delirium, and Neuromuscular Blockade; Glucose Control; Preventing Stress Ulcers; Pharmacologic Therapy for Preventing Venous Thromboembolism; Preventing Ventilator-Associated Pneumonia; Nutrition Support in Critically Ill Patients; Intracranial Hemorrhage</i>	
ANTICOAGULATION	2-187
<i>Stroke Prevention in Nonvalvular Atrial Fibrillation; Anticoagulation in Valvular Disease; Prevention of Venous Thromboembolism; Treatment of Venous Thromboembolism; Reversal of Anticoagulation</i>	
ENDOCRINE AND METABOLIC DISORDERS	2-241
<i>Thyroid Disorders; Pituitary Gland Disorders; Adrenal Gland Disorders; Obesity; Polycystic Ovary Syndrome; Diabetes Mellitus; Treatment of Diabetes Mellitus Complications; Other Diabetes Medication Issues; Diabetes Insipidus</i>	
ONCOLOGY SUPPORTIVE CARE	2-299
<i>Antiemetics; Pain Management; Treatment of Febrile Neutropenia; Use of Colony-Stimulating Factors for Prevention of Febrile Neutropenia; Thrombocytopenia; Anemia and Fatigue; Chemoprotectants; Oncologic Emergencies; Miscellaneous Antineoplastic Pharmacotherapy</i>	
GASTROINTESTINAL DISORDERS	2-345
<i>Gastroesophageal Reflux Disease (GERD); Peptic Ulcer Disease; Upper GI Bleeding; Inflammatory Bowel Disease (IBD); Complications of Liver Disease; Viral Hepatitis; Nausea and Vomiting; Pancreatitis; Diarrhea; Constipation; Irritable Bowel Syndrome</i>	
GERIATRICS	2-433
<i>Optimizing Pharmacotherapy in Older Adults; Dementia; Behavioral and Psychological Symptoms of Dementia; Urinary Incontinence; Benign Prostatic Hypertrophy; Osteoarthritis; Rheumatoid Arthritis; Gout</i>	

NEPHROLOGY2-483

Acute Kidney Injury or Acute Renal Failure; Drug-Induced Kidney Damage; Chronic Kidney Disease; Renal Replacement Therapy; Managing the Complications of Chronic Kidney Disease; Dosage Adjustments in Kidney Disease

PULMONARY DISORDERS AND ADULT IMMUNIZATIONS 2-531

Asthma; Chronic Obstructive Pulmonary Disease; Adult Immunizations