
TABLE OF CONTENTS (Volume 1)

BIOSTATISTICS: A REFRESHER	1-1
<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	1-25
<i>Introduction, 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>	
INFECTIOUS DISEASES I	1-61
<i>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</i>	
INFECTIOUS DISEASES II	1-115
<i>Human Immunodeficiency Virus; Opportunistic Infections in Patients with HIV; Tuberculosis; Fungal Pharmacotherapy; Antifungal Agents</i>	
GENERAL PSYCHIATRY	1-165
<i>Schizophrenia; Depression; Bipolar Disorder; Anxiety and Related Disorders (OCD, PTSD); Insomnia; Substance Use Disorders</i>	
NEUROLOGY	1-227
<i>Epilepsy; Ischemic Stroke; Parkinson Disease; Headache; Multiple Sclerosis; Peripheral Neuropathy;</i>	
CHRONIC CARE IN CARDIOLOGY	1-295
<i>Heart Failure; Atrial Fibrillation; Hypertension; Dyslipidemia; Chronic Coronary Heart Disease and Chronic Stable Angina</i>	
ACUTE CARE IN CARDIOLOGY	1-355
<i>Acute Coronary Syndrome; Acute Decompensated Heart Failure; Acute Life-Threatening Arrhythmias; Hypertensive Crises</i>	
ONCOLOGY SUPPORTIVE CARE	1-417
<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>	

CRITICAL CARE..... 1-461

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

FLUIDS, ELECTROLYTES, AND NUTRITION 1-517

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

TABLE OF CONTENTS (Volume 2)

PULMONARY DISORDERS, GOUT, AND ADULT IMMUNIZATIONS	2-1
<i>Asthma; Chronic Obstructive Pulmonary Disease; Gout; Adult Immunizations</i>	
ANTICOAGULATION	2-67
<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	2-119
<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>	
GERIATRICS	2-175
<i>Optimizing Pharmacotherapy in Older Adults; Dementia; Behavioral and Psychological Symptoms of Dementia; Urinary Incontinence; Benign Prostatic Hypertrophy; Osteoarthritis; Rheumatoid Arthritis</i>	
NEPHROLOGY	2-217
<i>Thyroid Disorders; Pituitary Gland Disorders; Adrenal Gland Disorders; Obesity; Polycystic Ovary Syndrome; Diabetes Mellitus and Insipidus; Treatment of DM Complications; Other Diabetes Medication Issues</i>	
GASTROINTESTINAL DISORDERS	2-265
<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>	
POLICY, PRACTICE AND REGULATORY ISSUES	2-353
<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; Institutional Review Board Implications for Clinical Practice and Research; Investigational Drug Service</i>	
PEDIATRICS	2-397
<i>Sepsis and Meningitis; Respiratory Syncytial Virus Infection; Otitis Media; Immunizations; Pediatric Seizure Disorders; Attention-Deficit/Hyperactivity Disorder</i>	

MEN'S AND WOMEN'S HEALTH2-439

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

PHARMACOKINETICS: A REFRESHER2-525

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;