

SECTION I: BASIC PRINCIPLES

- **CHAPTER 1:** Introduction: The Nature of Drugs & Drug Development & Regulation
- **CHAPTER 2:** Drug Receptors & Pharmacodynamics
- **CHAPTER 3:** Pharmacokinetics & Pharmacodynamics: Rational Dosing & the Time Course of Drug Action
- **CHAPTER 4:** Drug Biotransformation
- **CHAPTER 5:** Pharmacogenomics

SECTION II: AUTONOMIC DRUGS

- **CHAPTER 6:** Introduction to Autonomic Pharmacology
- **CHAPTER 7:** Cholinergic-Activating & Cholinesterase-Inhibiting Drugs
- **CHAPTER 8:** Cholinergic-Blocking Drugs
- **CHAPTER 9:** Adrenergic Agonists & Sympathomimetic Drugs
- **CHAPTER 10:** Adrenergic Antagonist Drugs

SECTION III: CARDIOVASCULAR-RENAL DRUGS

- **CHAPTER 11:** Antihypertensive Agents
- **CHAPTER 12:** Vasodilators & the Treatment of Angina Pectoris
- **CHAPTER 13:** Drugs Used in Heart Failure
- **CHAPTER 14:** Agents Used in Cardiac Arrhythmias
- **CHAPTER 15:** Diuretic Agents

SECTION IV: DRUGS WITH IMPORTANT ACTIONS ON SMOOTH MUSCLE

- **CHAPTER 16:** Histamine, Serotonin, & the Ergot Alkaloids
- **CHAPTER 17:** Vasoactive Peptides
- **CHAPTER 18:** The Eicosanoids: Prostaglandins, Thromboxanes, Leukotrienes, & Related Compounds
- **CHAPTER 19:** Nitric Oxide
- **CHAPTER 20:** Drugs Used in Asthma

SECTION V: DRUGS THAT ACT IN THE CENTRAL NERVOUS SYSTEM

- **CHAPTER 21:** Introduction to the Pharmacology of CNS Drugs
- **CHAPTER 22:** Sedative-Hypnotic Drugs
- **CHAPTER 23:** The Alcohols
- **CHAPTER 24:** Antiseizure Drugs
- **CHAPTER 25:** General Anesthetics
- **CHAPTER 26:** Local Anesthetics
- **CHAPTER 27:** Skeletal Muscle Relaxants

- **CHAPTER 28:** Pharmacologic Management of Parkinsonism & Other Movement Disorders
- **CHAPTER 29:** Antipsychotic Agents & Lithium
- **CHAPTER 30:** Antidepressant Agents
- **CHAPTER 31:** Opioid Agonists & Antagonists
- **CHAPTER 32:** Drugs of Abuse

SECTION VI: DRUGS USED TO TREAT DISEASES OF THE BLOOD, INFLAMMATION, & GOUT

- **CHAPTER 33:** Agents Used in Cytopenias; Hematopoietic Growth Factors
- **CHAPTER 34:** Drugs Used in Disorders of Coagulation
- **CHAPTER 35:** Agents Used in Dyslipidemia
- **CHAPTER 36:** Nonsteroidal Anti-Inflammatory Drugs, Disease-Modifying Antirheumatic Drugs, Nonopioid Analgesics, & Drugs Used in Gout

SECTION VII: ENDOCRINE DRUGS

- **CHAPTER 37:** Hypothalamic & Pituitary Hormones
- **CHAPTER 38:** Thyroid & Antithyroid Drugs
- **CHAPTER 39:** Adrenocorticosteroids & Adrenocortical Antagonists
- **CHAPTER 40:** The Gonadal Hormones & Inhibitors
- **CHAPTER 41:** Pancreatic Hormones & Antidiabetic Drugs
- **CHAPTER 42:** Agents That Affect Bone Mineral Homeostasis

SECTION VIII: CHEMOTHERAPEUTIC DRUGS

- **SECTION VIII:** CHEMOTHERAPEUTIC DRUGS: INTRODUCTION
- **CHAPTER 43:** Beta-Lactam & Other Cell Wall- & Membrane-Active Antibiotics
- **CHAPTER 44:** Tetracyclines, Macrolides, Clindamycin, Chloramphenicol, Streptogramins, & Oxazolidinones
- **CHAPTER 45:** Aminoglycosides & Spectinomycin
- **CHAPTER 46:** Sulfonamides, Trimethoprim, & Quinolones
- **CHAPTER 47:** Antimycobacterial Drugs
- **CHAPTER 48:** Antifungal Agents
- **CHAPTER 49:** Antiviral Agents
- **CHAPTER 50:** Miscellaneous Antimicrobial Agents; Disinfectants, Antiseptics, & Sterilants
- **CHAPTER 51:** Clinical Use of Antimicrobial Agents
- **CHAPTER 52:** Antiprotozoal Drugs
- **CHAPTER 53:** Clinical Pharmacology of the Anthelmintic Drugs
- **CHAPTER 54:** Cancer Chemotherapy
- **CHAPTER 55:** Immunopharmacology

SECTION IX: TOXICOLOGY

- **CHAPTER 56:** Introduction to Toxicology: Occupational & Environmental
- **CHAPTER 57:** Heavy Metal Intoxication & Chelators
- **CHAPTER 58:** Management of the Poisoned Patient

SECTION X: SPECIAL TOPICS

- **CHAPTER 59:** Special Aspects of Perinatal & Pediatric Pharmacology
- **CHAPTER 60:** Special Aspects of Geriatric Pharmacology
- **CHAPTER 61:** Dermatologic Pharmacology
- **CHAPTER 62:** Drugs Used in the Treatment of Gastrointestinal Diseases
- **CHAPTER 63:** Therapeutic & Toxic Potential of Over-the-Counter Agents
- **CHAPTER 64:** Dietary Supplements & Herbal Medications
- **CHAPTER 65:** Rational Prescribing & Prescription Writing
- **CHAPTER 66:** Important Drug Interactions & Their Mechanisms