

Lippincott's Illustrated Reviews

Special
Millennium Update
Integrates All of the
Newest Therapeutic
Agents and the Latest
Advances in
Pharmacology!

series editors

Richard A. Harvey
Pamela C. Champe

Pharmacology

2nd edition

Mary J. Mycek
Richard A. Harvey
Pamela C. Champe



LIPPINCOTT WILLIAMS & WILKINS

Contents

UNIT I: Introduction to Pharmacology

- Chapter 1: Absorption, Distribution, and Elimination of Drugs **1**
 - Chapter 2: Pharmacokinetics and Drug Receptors **17**
-

UNIT II: Drugs Affecting the Autonomic Nervous System

- Chapter 3: The Autonomic Nervous System **27**
 - Chapter 4: Cholinergic Agonists **35**
 - Chapter 5: Cholinergic Antagonists **45**
 - Chapter 6: Adrenergic Agonists **55**
 - Chapter 7: Adrenergic Antagonists **71**
-

UNIT III: Drugs Affecting the Central Nervous System

- Chapter 8: Treatment of Parkinson's Disease **81**
 - Chapter 9: Anxiolytic and Hypnotic Drugs **89**
 - Chapter 10: CNS Stimulants **99**
 - Chapter 11: Anesthetics **107**
 - Chapter 12: Antidepressant Drugs **119**
 - Chapter 13: Neuroleptic Drugs **127**
 - Chapter 14: Opioid Analgesics and Antagonists **133**
 - Chapter 15: Drugs Used to Treat Epilepsy **143**
-

UNIT IV: Drugs Affecting the Cardiovascular System

- Chapter 16: The Treatment of Congestive Heart Failure **151**
 - Chapter 17: Antiarrhythmic Drugs **163**
 - Chapter 18: Antianginal Drugs **175**
 - Chapter 19: Antihypertensive Drugs **179**
 - Chapter 20: Drugs Affecting Blood **193**
 - Chapter 21: Antihyperlipidemic Drugs **207**
-

UNIT V: Drugs Affecting Other Organ Systems

- Chapter 22: Drugs Affecting the Respiratory System **217**
 - Chapter 23: Diuretic Drugs **223**
 - Chapter 24: Gastrointestinal and Antiemetic Drugs **235**
 - Chapter 25: Hormones of the Pituitary and Thyroid **247**
 - Chapter 26: Insulin and Oral Hypoglycemic Drugs **255**
 - Chapter 27: Steroid Hormones **263**
-

UNIT VI: Chemotherapeutic Drugs

- Chapter 28: Principles of Antimicrobial Therapy **279**
- Chapter 29: Folate Antagonists **289**
- Chapter 30: Inhibitors of Cell Wall Synthesis **297**
- Chapter 31: Protein Synthesis Inhibitors **311**
- Chapter 32: Quinolones and Urinary Tract Antiseptics **323**
- Chapter 33: Antimycobacterial Drugs **331**
- Chapter 34: Antifungal Drugs **337**
- Chapter 35: Antiprotozoal Drugs **345**
- Chapter 36: Anthelmintic Drugs **359**
- Chapter 37: Antiviral Drugs **363**
- Chapter 38: Anticancer Drugs **373**

UNIT VII: Anti-Inflammatory Drugs and Autacoids

Chapter 39: Anti-inflammatory Drugs **401**

Chapter 40: Autacoids and Autacoid Antagonists **419**

Appendix: Illustrated Case Studies **429**

Pharmacology Update

Chapter 8: Treatment of Parkinson's Disease **443**

Chapter 15: Drugs Used to Treat Epilepsy **445**

Chapter 20: Drugs Affecting Blood **446**

Chapter 21: Antihyperlipidemic Drugs **449**

Chapter 22: Drugs Affecting the Respiratory System **450**

Chapter 26: Insulin and Oral Hypoglycemic Drugs **452**

Chapter 27: Steroid Hormones **454**

Chapter 32: Quinolones and Urinary Tract Antiseptics **456**

Chapter 37: Antiviral Drugs **457**

Chapter 38: Anticancer Drugs **463**

Chapter 39: Anti-inflammatory Drugs **466**

Chapter 40: Autacoids and Autacoid Antagonists **470**

Chapter 41: Immunosuppressants **470**

Chapter 42: Drugs Used to Treat Obesity **474**

Chapter 43: Drug Used to Treat Osteoporosis **476**

Chapter 44: Miscellaneous Drugs **477**

Index **479**