Contents

PART I: Conceptual Overview

Cardinal Concepts 3

Part II: Drug Monographs: Clinical Pharmacology

Unit 1: Cardiovascular Drugs 17
1.1 Antihypertensives 19
1.2 Antianginals 72
1.3 Antiarrhythmic 76
1.4 Hematinics 92
1.5 Anticoagulants 98
1.6 Thrombolytics 114
1.7 Antiplatelet 117
1.8 Hypolipidemic Agents 123

Unit 2: Gastrointestinal Drugs 133
2.1 Antacids 135
2.2 Antidiarrheal 140
2.3 Antisecretory 145
2.4 Antispasmodics 157
2.5 Laxatives 160
2.6 Antiemetics 165

Unit 3: Endocrine Drugs 173
3.1 Pituitary Drugs 175
3.2 Thyroid and Parathyroid Drugs 186
3.3 Insulin, Oral Antidiabetic Drugs and Glucagon 196
3.4 Adrenal Gland Drugs 224

Unit 4: Drugs of Integumentary System 235
4.1 Locally Acting Drugs 237
4.2 Drugs for Acne Vulgaris 240

Unit 5: Drugs of Lymphatic System 241
5.1 Immunosuppressants 243
5.2 Vaccines, Antisera, and Immunoglobulins 260

Unit 6: Infections: Antimicrobial Agents 271
6.1 Antitubercular Agents 273
6.2 Antifungal 281
6.3 Antiviral Agents 313
6.4 Antibiotic/Antibacterial Agents 331
6.5 Antiprotozoal Agents 364
6.6 Antihelminthic Agents 373

Unit 7: Musculoskeletal System Drugs 379
7.1 Muscle Relaxants 381
7.2 Antirheumatoid 389
7.3 NSAIDs 404

Unit 8: Nervous System Drugs 421
8.1 Sedative-Hypnotic 423
8.2 Antipsychotics 435
8.3 Antimanic 441
8.4 Anticonvulsants 444
8.5 Antidepressants 468
8.6 Antianxiety 501
8.7 Opioid Analgesics 511
8.8 CNS Stimulants 534
8.9 Cognition Enhancers 542
8.10 Anesthetics 545
8.11 Anticholinergics 550
8.12 Cholinergics 560
8.13 Adrenergics 566
8.14 Antiadrenergics 571

Unit 9: Renal System Drugs 573
9.1 Diuretics 575
9.2 Antidiuretics 595

Unit 10: Reproductive System Drugs 599
10.1 Androgens 601
10.2 Anabolic Steroids 604
10.3 Female Sex Hormones 611

Unit 11: Respiratory System Drugs 625
11.1 Bronchodilators 627
11.2 Corticosteroids 638
11.3 Leukotrienes 659
11.4 Antihistamines 663
11.5 Antitussives 668
11.6 Expectorants and Mucolytics 671

Unit 12: Miscellaneous Drugs 677
12.1 Antineoplastics 679
12.2 Vitamins, Minerals, Supplements and Electrolytes 705
12.3 Blood and Plasma Volume Expanders 727
12.4 New Dosage Forms 733

Part III: Appendices

Appendix 1 Drug Compatibility Facts 737
Appendix 2 Common Drug Abbreviations 739
Appendix 3 Drug Maths 740
Appendix 4 Common Drug Administering Skills 742
Appendix 5 National Immunization Schedule 746
Appendix 6 Drug Delivery Devices 749
Appendix 7 Medical Management MNEMONICS 753
Appendix 8 Antidotes 757
Appendix 9 Emergency Drugs 759
Appendix 10 Critical Lab Reference Values 760
Appendix 11 Covidcology 762
Appendix 12 Do Not Crush 764
Appendix 13 Pediatric Intravenous Medication Reference Chart 765

Index *767*