CONTENTS

SECTION 1: NURSING DRUG DOSES

1. Analgesics **3**
A. Analgesics—Non-narcotics 3
B. Analgesics—Narcotics 9

2. Anti-Alzheimer's Agents **13**

3. Antianginals **15**
A. Antianginals—Beta-Blockers 15
B. Antianginals—Calcium Channel Blockers 16
C. Antianginals—Nitrates 18

4. Antianxiety Agents **20**
A. Antianxiety Agents—Benzodiazepines 20
B. Antianxiety Agents—Selective Serotonion Reuptake Inhibitors 21
C. Antianxiety Agents—Miscellaneous 21

5. Antiarrhythmic **23**
A. Antiarrhythmic—Class IA 23
B. Antiarrhythmic—Class IB 24
C. Antiarrhythmic—Class IC 26
D. Antiarrhythmic—Class II 26
E. Antiarrhythmic—Class III 27
F. Antiarrhythmic—Class IV 28
G. Antiarrhythmic—Miscellaneous 28

6. Antiasthmatics **29**
A. Antiasthmatics—Adrenergics 29
B. Antiasthmatics—Anticholinergics 32
C. Antiasthmatics—Corticosteroids 33
D. Antiasthmatics—Leukotriene Antagonists 36
E. Antiasthmatics—Mast Cell Stabilizers 37
F. Antiasthmatics—Xanthines 38

7. Antibiotics **40**
A. Antibiotics—Aminoglycosides 40
B. Antibiotics—Carbapenems 42
C. Antibiotics—Cephalosporins 43
First Generation Cephalosporins 44
Second Generation Cephalosporins 44
Third Generation Cephalosporins 45
Fourth Generation Cephalosporins 48

D. Antibiotics—Fluoroquinolones 48
E. Antibiotics—Imidazoles 51
F. Antibiotics—Macrolides 52
G. Antibiotics—Penicillins 54
H. Antibiotics—Tetracyclines 57
I. Antibiotics—Miscellaneous 58

8. Anticholinergics 62

9. Anticoagulants 66

10. Anticonvulsants 68
A. Anticonvulsants—Barbiturates 68
B. Anticonvulsants—Benzodiazepines 69
C. Anticonvulsants—Hydantoins 71
D. Anticonvulsants—Valproates 72
E. Anticonvulsants—Miscellaneous 72

11. Antidepressants 76
A. Antidepressants—Selective Serotonin Reuptake Inhibitors (SSRIs) 76
B. Antidepressants—Tetracyclic 78
C. Antidepressants—Tricyclic 78
D. Antidepressants—Miscellaneous 79

12. Antidiabetics 81
A. Antidiabetics—Alpha Glycoside Inhibitors 81
B. Antidiabetics—Biguanides 82
C. Antidiabetics—Meglitinides 82
D. Antidiabetics—Sulfonylureas 83
E. Antidiabetics—Thiazolidinediones 84

13. Antidiarrheals 85

14. Antidotes/Poisoning 87

15. Antiemetics 91
A. Antiemetics—5-HT_3 Antagonists 91
B. Antiemetics—Phenothiazines 93
C. Antiemetics—Miscellaneous 94

16. Antifungals 97

17. Antihistamines 100

18. Antihypertensives 103
A. Antihypertensives—Ace Inhibitors 103
B. Antihypertensives—Adrenergics 105
C. Antihypertensives— Centrally Acting Antiadrenergics 105
D. Antihypertensives— Peripherally Acting Antiadrenergics 106
E. Antihypertensives—Angiotensin Receptor Antagonists 107
F. Antihypertensives—Beta-Blockers 108
G. Antihypertensives—Calcium Channel Blockers 109

H. Antihypertensives—Diuretics 109
I. Antihypertensives—Vasodilators 110

19. Antimigraine Drugs 111
A. Antimigraine Drugs—Alpha-adrenergic Blockers 111
B. Antimigraine Drugs—5-HT_1 Agonists 112

20. Antiobesity Drugs 113

21. Antiparkinson Agents 115
A. Antiparkinson Agents—Anticholinergic 115
B. Antiparkinson Agents—Antiviral 116
C. Antiparkinson Agents—Dopamine Agonists 116
D. Antiparkinson Agents—MAO Inhibitors 118

22. Antiplatelet Agents 119

23. Antipsychotics 121
A. Antipsychotics—Phenothiazines 121
B. Antipsychotics—Miscellaneous 122

24. Antiretrovirals 125
A. Non-nucleoside Reverse Transcriptase Inhibitors 125
B. Nucleoside Reverse Transcriptase Inhibitors 126
C. Protease Inhibitors 127

25. Antithyroid Drugs 130

26. Antituberculars 131

27. Antitussives/Expectorants 134

28. Antiulcers 138
A. Antiulcer—Antacids 138
B. Antiulcer—H_2 Antagonists 139
C. Antiulcer—Proton Pump Inhibitors 140
D. Antiulcer—Miscellaneous 142

29. Antivirals 143

30. Bone Resorption Inhibitors 146

31. Cholinergics 148

32. Diuretics 150
A. Diuretics—Loop Diuretics 150
B. Diuretics—Potassium Sparing Diuretics 151
C. Diuretics—Thiazide and Thiazide-like Diuretics 153
D. Diuretics—Carbonic Anhydrase Inhibitor 154
E. Diuretics—Osmotic Diuretics 154

33. Electrolyte Supplements/Minerals 156

34. Hematinics and Hematopoietics 160
A. Hematinics and Hematopoietics—Hormones 160
B. Hematinics and Hematopoietics—Iron Supplements 161
C. Hematinics and Hematopoietics—Vitamins 162

35. Hormones **164**
36. Immunosuppressants **171**
37. Inotropic/Pressor Agents **175**
38. Laxatives **179**
39. Lipid Lowering Agents **182**
A. HMG-CoA Reductase Inhibitors 182
B. Miscellaneous 183
40. Neuromuscular Blocking Agents **184**
41. Sedatives/Hypnotics **186**
A. Sedatives/Hypnotics—Barbiturates 186
B. Sedatives/Hypnotics—Benzodiazepines 186
C. Sedatives/Hypnotics—Miscellaneous 187
42. Skeletal Muscle Relaxants **188**
43. Thrombolytics **190**
44. Thyroid Hormones **192**
45. Vaccines **193**
46. Vitamins **197**
A. Fat-soluble Vitamins 197
B. Water-soluble Vitamins 200
47. Miscellaneous **203**

SECTION 2: CALCULATION OF DRUG DOSAGES

48. Learning Basic Mathematics **207**
49. Weights and Measures **212**
50. Methods of Calculating Drug Dosages **213**
51. Calculating Pediatric Drug Dosages **214**
52. Calculating Maintenance Fluid Requirements in Children **216**
53. IV Drip Rate Calculation **217**
54. Administering Medicines to Children **218**
55. Solving Problems **219**

Appendix 1: Practically Useful Charts and Tables 225
Appendix 2: Methods of Administration of Medications 230
Index 235