

Contents

1	Classification of the Antibiotics	1
2	Antibiotics Marketed in the EU	5
3	Principles of Antibiotic Therapy	37
4	The Most Common Errors in Antibiotic Therapy . .	41
5	Important Infections and Their Microbiological Diagnosis	42
6	Cooperation with Microbiologists	44
7	Resistance of Major Clinical Pathogens	46
8	The Most Frequent Pathogens – Choice of Antibiotics	71
9	Antibiotics, Antimycotics: Spectrum – Dosage – Adverse Effects – Costs	77
10	Antibiotic Therapy of the Principal Infections in Children and Adults	176
11	Treatment of the Most Frequent Types of Bacterial Endocarditis	231
12	Minimal Duration of Treatment for Bacterial Infections	235
13	Failure of Antibiotic Therapy	237
14	Fever of Unknown Origin: Differential Diagnosis . .	238
15	Dosage of Antibiotics in Impaired Renal Function .	246
16	Antibiotic Therapy in Haemodialysis, Peritoneal Dialysis, and Continuous Haemofiltration	250

17	Antibiotic Therapy During Pregnancy and Lactation	267
18	Antibiotics in Liver Diseases	269
19	Diffusion of Antibiotics in Cerebrospinal Fluid and in Cerebral Abscesses	271
20	Local Antibiotics	273
21	Prophylactic Antibiotic Therapy	275
22	Physical Incompatibility of Antibiotics and Antimycotics in Infusion Solutions	292
23	Useful Websites	295