

Contents

PART I

PHARMACOEPIDEMIOLOGY

Chapter - 1	
Background and Introduction of Pharmacoepidemiology	3
Chapter - 2	
Genesis and Development of Pharmacoepidemiology	12
Chapter - 3	
Need and Applications of Pharmacoepidemiology	22
Chapter - 4	
Pharmacoepidemiology in Pharmacy Practice	33
Chapter - 5	
Relevance of Pharmacoepidemiology in India	38
Chapter - 6	
Data Sources and Data Collection for Pharmacoepidemiological Studies	45
Chapter - 7	
Study Design in Pharmacoepidemiology	66
Chapter - 8	
Methods for Pharmacoepidemiologic Studies	84

Chapter - 9	
Systems to Study Drug Effects and Measurement of Outcomes in Pharmacoepidemiology	103
Chapter - 10	
Areas in Pharmacoepidemiology Research	118
Chapter - 11	
Evidence based Medicine and Concepts of Risks in Pharmacoepidemiology	126
Chapter - 12	
Sample Size and Causation in Pharmacoepidemiology	140
Chapter - 13	
Case Studies in Pharmacoepidemiology	151
Chapter - 14	
Practical Pharmacoepidemiology Review for Researchers	158
Chapter - 15	
References used in the Pharmacoepidemiology Chapters	168

PART II

PHARMACOECONOMICS

Chapter - 16	
Introduction to Pharmacoeconomics	173
Chapter - 17	
Cost Analysis and Cost Measurements	192
Chapter - 18	
Outcomes and Perspectives in Pharmacoeconomics	210

Chapter - 19	
Pharmacoeconomic Methods	218
Chapter - 20	
Cost Benefit Analysis	223
Chapter - 21	
Cost Effectiveness Analysis - CEA	240
Chapter - 22	
Cost Utility Analysis - CUA	253
Chapter - 23	
Cost Minimization Analysis - CMA	264
Chapter - 24	
Cost of Illness - COI	268
Chapter - 25	
Quality of Life and Health Related Quality of Life (QOL & HRQOL)	278
Chapter - 26	
Construction and Applications of Pharmacoeconomic Studies	288
Chapter - 27	
Case Studies in Pharmacoeconomics	301
Chapter - 28	
References used in Pharmacoeconomic Chapters	308
Index	313