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Altri autori (Persone)	CromePeter FordGary (Gary A.)
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Nota di contenuto	Foreword; Introduction; List of Contributors; Contents; CHAPTER 1 Pharmacoepidemiology and the Elderly; Introduction; Types of Pharmacoepidemiologic Studies; Adverse and Beneficial Effects of Drug Therapy; Drug Utilization Studies; Antipsychotic Drugs; Thrombolysis in Acute Myocardial Infarction; Opioids for Pain Management in Cancer; Pharmacoeconomic Studies; Quality-of-life Studies; Importance of Postmarketing Drug Surveillance; Principles of Pharmacoeconomic Research; The Frequency of Adverse Drug Events; Study Designs; Observational Studies; Ecologic (correlational) Studies Cross-sectional Studies Case-control Studies; Cohort Studies; Common Types of Error in Observational Studies; Experimental Studies; Measures of Association; Data Sources for Observational Pharmacoeconomic Studies; Future Research Directions; References; CHAPTER 2 Drug Use and Older People: Sociological Perspectives; Introduction; The Role of Biomedicine; Doctors and the Elderly; Social Characteristics and Patterns of Drug Use; Drugs and the Culture of Ageing; Empowering Older People: The Role of Self-health Care and Consumerism; References CHAPTER 3 Economic Aspects of Drugs and Older People Introduction; What is Health Economics?; Demographic Trends; Life Expectancy; Prevalence of Acute and Chronic Ill-Health; GP Consultation Rates; Prescription Items Dispensed; Prescription Costs; Health Economics;

Ten Common Mistakes in Health Economics; Methods of Analysis; Costs; Where Costs Fall; The Type of Costs; Outcomes; Sensitivity Analysis; Different Perspective; References; CHAPTER 4 Pharmacokinetics; Introduction; Drugs and the Older Population; Pharmacokinetics, Pharmacodynamics and Drug Effects Factors Influencing Pharmacokinetics in Older People Age Related Changes in Drug Absorption and Bioavailability; Absorption; First Pass Metabolism and Bioavailability; Age Related Changes in Drug Distribution; Volume of Distribution; Protein Binding; Age Related Changes in Drug Clearance; Age Related Changes in Renal Excretion; Age Related Changes in Hepatic Clearance; Phase 1 Metabolism and Ageing; Factors Contributing to Age Related Reductions in Liver Metabolism; Phase 2 Metabolism and Ageing; Frailty, Disease and Drug Metabolism; Frailty; Disease; Conclusions; Research Work to Date Directions for Future Research References; CHAPTER 5 Pharmacodynamics; Introduction; Important Age-associated Pharmacodynamic Changes; Mechanisms of Pharmacodynamic Changes; Cardiovascular Drugs; Vascular Responses; Blood Pressure Lowering Drugs; Central Nervous System Drugs; Conclusions and Suggestions for Future Research; References; CHAPTER 6 Adverse Drug Reactions; Introduction; Definitions; ADRs and Hospital Admission; Studies in Hospital and Nursing Homes; Studies in Ambulatory Settings; Causes; Class of Drugs; Age; Number of Drugs; Consequences and Outcome Reports to Drug Regulatory Authorities

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Sommario/riassunto

This book is designed for all those with a scientific interest in drug treatment and the older population. The authors have all been chosen for their expertise in the field and have been drawn from both sides of the Atlantic and South Africa. The contents fall into two parts - general principles of drug use as they apply to the elderly, and specific chapters dealing with common clinical areas. The editors aim to provide a concise up to date, evidence-based, resource book.

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