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Nota di contenuto	Part I. Principles and Practice of Pharmacovigilance and Drug Safety -- Overview of Drug Safety -- An Overview Of Immunological Reactions To Drugs -- Predisposing Factors for Adverse Drug Reactions -- Drug interactions and their management -- Economics of medication safety -- Principles Of Pharmacovigilance And Drug Regulation -- Clinical Trials Safety Data -- Causality Assessment in Pharmacovigilance -- A Retrospective and Prospective Look at Pharmacoepidemiology -- Communicating drug safety -- Patient involvement in pharmacovigilance -- Collaborative Approaches to Establishing and Implementing Pharmacovigilance Systems -- Part II. Safer Prescribing and Drug use in Practice -- Medication Errors in Healthcare -- Spontaneous Reporting Systems -- Methods to Identify, Prevent, Predict and Manage Adverse Drug Reactions in Pharmacovigilance and Clinical

Practice -- Ethics in Pharmacovigilance -- Information Sources for Drug Safety and Communicating Risks in Clinical Practice -- Polypharmacy and Deprescribing -- Medication Prescribing and Safety Monitoring in Paediatrics -- Prescribing and Safety Monitoring in the Older Person -- Safe Prescribing and Drug use in Pregnancy and Breastfeeding -- Safe Prescribing in Patients with Renal and Hepatic Diseases -- Clinical Application of Pharmacogenomics in Improving Drug Safety.

Sommario/riassunto

The science of drug safety and pharmacovigilance has rapidly evolved in the 21st century. The knowledge and principles it contains are of increasing importance in clinical and practice settings. The aim of this book is to deal with the gap in knowledge about pharmacovigilance and drug safety, including the application of pharmacovigilance knowledge to individual patient cases in clinical practice. A holistic approach is taken with each chapter written from the perspective of a practitioner, industry personnel, researcher, or regulator, creating a synergy between drug safety, pharmacovigilance, and clinical practice. Chapters offer key material on adverse drug reactions, medication errors, prescribing safety, pharmacovigilance as well as data sources used in drug safety and pharmacovigilance. Each chapter is structured as a self-contained learning resource, with learning objectives, and worked cases. The book is suitable for undergraduate healthcare professions, postgraduate students, researchers, clinical practitioners – including those with prescribing responsibilities. It will also be useful for professionals moving from a clinical practice role to a specialist pharmacovigilance role. For those already in a pharmacovigilance role, the book offers insight into the theory and practice of drug safety and pharmacovigilance in clinical settings.