This book provides a detailed overview of techniques in paediatric anaesthesia. Beginning with the basic principles of child anatomy, growth and development, the following sections explain general principles of anaesthetising a child, from preoperative evaluation and induction, to monitoring, pain assessment, ventilation strategies, and transfusion therapy. The book covers anaesthesia for numerous sub-specialties including neonatal surgery, ENT procedures, dentistry, liver cardiology, and much more. The final section describes special circumstances and complications, and associated topics such as safety and quality, and ethical issues. Comprehensive appendices provide tables of syndromes, anaesthetic implications, a pedagogical drug index, quick references tables and literature, and a useful glossary. Key points Present overview of techniques in paediatric anaesthesia. Covers anaesthetic implications, special considerations, and common paediatric difficulties. Comprehensive appendices provide tables of syndromes, anaesthetic implications and drug dosages, as well as quick reference tables and literature. Practical Pediatric Anaesthesia: A guide for practitioners and those providing care at the level of paediatric practice. Designed for the busy clinician, this book is intended as a quick reference guide for practical aspects of anaesthesia. It includes a comprehensive overview of techniques and procedures, as well as practical advice on managing complications and special situations. The book is divided into two main sections: Anaesthesia and Pain Management. Anaesthesia covers the full spectrum of paediatric anaesthesia, from preoperative evaluation and induction, to monitoring, pain assessment, ventilation strategies, and transfusion therapy. It provides a detailed overview of techniques, including general principles, special considerations, and common paediatric difficulties. Pain Management covers the full spectrum of paediatric pain management, from nociception and pain assessment, to pharmacological and non-pharmacological therapies. It provides a detailed overview of techniques, including general principles, special considerations, and common paediatric difficulties. The book is an essential resource for anaesthesiologists, paediatricians, and other healthcare professionals who provide care for children. It is also an excellent aid for medical students and residents who are learning about paediatric anaesthesia and pain management.
This exceptional text builds your knowledge of pharmacology by first providing an overview of pharmacologic principles and then teaching you how to apply those principles to clinical practice. Focusing on applying pharmacologic scientific evidence to clinical practice, it enables clia spi pert and other care professionals to develop the thinking and decision-making skills needed for the practice of safe and effective patient care. This text features over 1200 clinical photographs, diagrams, and other graphic aids to help you learn and apply the material. It also includes more than 2000 quick-reference drug cards with the most essential drug information needed in the clinical setting. In this fourth edition, the focus on evidence-based practice and clinical reasoning is expanded, and new topics are added, including the expansion of the evidence-based approach to the practice of nursing care, the use of computer-assisted learning technology, updates on the role of the nurse in the shared decision-making process, and advanced practices in nursing. In addition, the updated content includes more information on evidence-based practice, the use of clinical reasoning, and the role of the nurse in the shared decision-making process. This text is an essential resource for undergraduate- and graduate-level nursing students, providing a comprehensive overview of pharmacology and its applications in the clinical setting. It is also an excellent resource for experienced nurses who want to update their knowledge of pharmacology and improve their ability to apply it effectively in their practice.