Pharmacology, the science of drugs (medicines), is a highly dynamic discipline with concepts and priority drugs changing rapidly. Its relevance to all health professionals (including dentists) cannot be over emphasized. Practice of dentistry utilizes drugs both as primary treatment modality, as well as facilitator of/adjuvant to dental procedures. Dentists routinely prescribe analgesics and antibiotics, apply antiseptics and other locally acting drugs, and inject local anaesthetics. Further, many dental patients could be receiving other medication that may have orodental implications or may interact with drugs prescribed by the dentist. Occasionally, dentists have to manage a medical emergency which may arise during a dental procedure or in their clinic. As such, a broad knowledge of pharmacology along with focus on aspects is needed by the dentist. This book has been produced to specifically meet the above outlined needs.

The book is divided into three sections.
- The first describes the general pharmacological principles with which all professionals involved in drug therapy must be conversant.
- The second on systemic pharmacology presents a brief account of drugs acting on various organ systems
- The third section covers antimicrobials and other drugs which the dentists usually prescribe or administer themselves.
- Leading trade names and dosage forms of drugs generally prescribed by dentists are mentioned distinctively.
- A separate chapter covers drug and aids specific for dental care is incorporated
- Another chapter on management and treatment of common medical emergencies is included
- Application of analgesics and NSAIDs in dental pain, local anaesthetics for dental anaesthesia, role of each class of antimicrobials in orodental infections, prophylaxis of postextraction wound infection and endocarditis in patients at special risk are emphasized.
- Eye catching hierarchical drug classification charts which help create pictorial memory
- Latest NACO guidelines for post-exposure prophylaxis (PEP) of HIV infection for health workers