

701261 Oral and Dental Pharmacology

[2 cr., 2, 0] Rationale of drug use in dental practice and mechanisms of action of drugs used for medical management of dental patients; pharmacodynamics and drug kinetics; quantitative pharmacology; drug laws and regulations; prescription writing; emergency drugs, autonomic, respiratory, cardiovascular, psychotropic, hormonal, gastrointestinal, antianxiety, antiparkinson, antidiabetic, antineoplastic drugs; neuromuscular blockers, histamine antagonists, inflammatory mediators, sedative-hypnotics, anticonvulsants, general and local anesthetics, analgesics, antibiotics, antifungal and antiviral agents, substance abuse, toxicology, drug interactions, and therapeutic decision making.

The objective of this course is to understand the general pharmacology (Distribution, bioavailability, metabolism & excretion) Antibiotics, Hypnotics, Sedatives, local and general anesthetics, Hypertensive drugs. The side effects and the toxicities of these drugs; Vitamins, mouth rinses and tooth pastes will also be introduced.