

Faculty of Pharmacy

Pharmaceutical Dosage Forms-II

Information :

Course Code : PT 404

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Pharm D Clinical Pharmacy

Instructor Information :

Title	Name	Office hours
Professor	Basant Ahmed Habib Gad	1
Professor	Nermeen Adel Ahmed Mohamed	1
Associate Professor	Maha Osama Abdelaziz Mohamed Elkayal	4
Lecturer	Patrick Joseph O'Dwyer	
Assistant Lecturer	Reem Khaled Mohamed Ibrahim Wassif	
Assistant Lecturer	Rinada Hussien Sadek Hassan	
Teaching Assistant	Ashrakt Eslam Ahmed Header	
Teaching Assistant	Rawan Waleed Hussein Rashed Salehin	
Teaching Assistant	Fatma Abdalkarim Ibrahim Mohamed	

Description :

This course covers the structure and function of the skin, target area of treatment after topical application to skin, basic principles of diffusion through membranes and factors affecting percutaneous absorption, enhancement of skin penetration, transdermal drug delivery systems (TDDS). It also describes the principles and techniques involved in the formulation, manufacturing and quality control tests of emulsions (oral, parenteral and topical) and traditional dermatological semisolid dosage forms (creams, ointments, gels and pastes). Formulation, manufacturing and quality control tests of different types of suppositories as molded solid preparations are also included.