



Pharmacotherapy-IV	
Title: Pharmacotherapy-IV	
Course number: 544 PHCL	
Semester: Tenth Semester (Fifth year).	
Duration: 2 + 2 Units (4 contact hours) per week.	
Aims: To provide all aspects of the pathophysiology and treatment of neoplastic diseases, infectious diseases, diseases of blood, skin, eye and ear.	
Objectives: Upon successful completion of the course the student should know the pathophysiology and treatment of neoplastic diseases, infectious diseases, diseases of blood, skin, eye and ear.	
Contents:	
Lectures: Concepts of pathophysiology and pharmacology in the treatment of chronic leukemia's, lymphomas, breast cancer, liver tumors, GIT, lung and prostate cancers, pediatric solid tumors, gynecologic cancers, skin cancers and melanomas.	
Concepts of pathophysiology and pharmacology in the treatment of upper respiratory infections, pneumonia, tuberculosis, urinary tract, intrabdominal and gastrointestinal tract infections, infective endocarditis, sexually transmitted diseases, acquired immunodeficiency syndrom (AIDS), mycotic infections, pancreatic infections, surgical antibiotic prophylaxis, infection in immunosuppressed patients, bacteremia and sepsis, skin and soft tissue infections, immunization therapy, iron deficiency and megaloplastic anemia, other types of anemia, coagulation disorders, allergic and drug induced skin disease, common skin disorders, burns, common eye disorders, common ear diseases and glaucoma,	



Practical: Clinical cases study and discussion sessions.
Minimum course requirements: 30 (2x15) Unit lectures and 30 (2x15) practical hours per level.
Evaluation methods:
-Quizzes 10%
- Mid term examination 25%
- Practical examinations 25%
- Final examination (written) 40%
Text Books (latest edition):
1- Pharmacotherapy: A Pathophysiologic Approach, Joseph T. Dipiro, Robert L. Talbert, and Michael Posey, fifth edition, Appleton and Lange: Norwalk, Connecticut.
2- Textbook of Therapeutics: Drug and Disease Management, Herfindal Eric and et al, Lippincott Williams and Wilkins.
Recommended books (latest edition):
1- Therapeutic Drugs, Sir Colin Dollery, Churchill Livingstone.
2- Pharmacotherapy Casebook, A Patient Focused Approach/ Terry L. Schwing hammer...et al, Stamford: Appleton and Lange.
3- Applied Therapeutics: The Clinical Use of Drugs, Mary A. Koda, Lloyd Wayne and Joseph Guglielmo.
4- Pharmacotherapeutics for Advanced, Arcangelo.
5- Clinical Pharmacy and Therapeutics, Walker.