



<b>Pharmacotherapy-III</b>	
<b>Title:</b> Pharmacotherapy - III	
<b>Course number:</b> 542 PHCL	
<b>Semester:</b> Ninth Semester (Fifth year).	
<b>Duration:</b> 2 + 1 Units (4 contact hours) per week.	
<b>Aims:</b> To provide general knowledge on the pathophysiology and treatment of neurological & psychiatric disorders, rheumatic diseases, pediatric and geriatric therapy.	
<b>Objectives:</b> Upon successful completion of the course the student should be able to understand the pathophysiology and treatment of neurological & psychiatric disorders, rheumatic diseases, pediatric and geriatric therapy.	
<b>Contents:</b> <b>Lectures:</b> Basis of pathophysiology and pharmacology in the treatment of headache, seizure disorders, parkinsonism, pain management, alzheimer's disease, anxiety, mood and sleep disorders, attention deficit/hyperactivity disorders (ADHD), schizophrenia, alcoholism, drug abuse, rheumatoid arthritis, osteoarthritis, gout and hyperuricemia, systemic lupus erythematosus, osteoporosis and osteomalacia, pediatric and geriatric therapy. <b>Practical:</b> Clinical cases study and discussion sessions.	
<b>Minimum course requirements:</b> 30 (2 x 15) Unit lectures and 30 practical hours (2 x 15) per level.	
<b>Evaluation methods:</b>	
-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.