



Psychopharmacology

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Department of Psychiatric nursing

Course Guide Book/Syllabus

Course Code	PSNU 3113	
Course title	Psychopharmacology	
Program	B.Sc. in psychiatric Nursing	
Module Name/No.	Psychiatry Module II	
Course information	Academic year: III Block Semester: II	
Module Coordinator	Name: E-mail	Phone No. Office:- -----
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θ In this course students will be;

This course is designed to prepare graduate psychiatric nurses to understand the pharmacology of neurotransmitters and substances which modify neurotransmission; basic knowledge of the mode of action of the groups of drugs used in the practice of psychiatry; placebo responses; the understanding of the uses of these drugs and their adverse effects; knowledge of research methodology for drug trials.

This course is also planned to help students acquire latest information on psychopharmacology of antipsychotic drugs, antianxiety agents and sedative-hypnotics, antidepressants, Antimanic agents,

Course outcome

☞ After completing this course the students will be able:

- ♣ To understand the pharmacology of neurotransmitters and substances which modify neurotransmission;
- ♣ Basic knowledge of the mode of action of the groups of drugs used in the practice of psychiatry.

Unit I: INTRODUCTION TO PSYCHOPHARMACOLOGY

- Basic Principles of Psychopharmacology
- Pharmacokinetics
- Pharmacodynamics
- Adverse drug reactions
- Drug interactions
- Sources of individual variation in drug responses

Unit II: ANTIDEPRESSANT

- 1 Theories of antidepressant drug action

- 2 Classical antidepressants

- 3 Selective serotonin reuptake inhibitors

- 4 Selective noradrenergic reuptake inhibitors

UNIT III:MOOD-STABILIZING DRUGS

- | Lithium, the classical mood stabilizer

- | Anticonvulsants as mood stabilizers

- | Other mood stabilizing drugs

UNIT VI:ANTIPSYCHOTIC

- | Conventional antipsychotic drugs

- | Atypical antipsychotic drugs



UNIT V

⌘ ANXIOLYTICS AND SEDATIVE-HYPNOTICS

UNIT VI

⌘ ANTICHOLINERGIC/ANTIPARKINSON DRUGS



⌘ **Pre-requisites:** pharmacology and
biochemistry

⌘ **Status of course:** Core

Method of teaching

- Illustrated lecture
- Role play, video
- Guided practice/Coaching
- Discussion
- Group presentations

Method of assessment

- Continuous assessment (20%)
 - ♣ Class active participation
 - ♣ Quizzes,
 - ♣ Individual Assignment.
 - ♣ Group assignments and presentations
 - ♣ Mid-test (30%)
- Final written Exam 50 %.

References

1. Kaplan & Sadock's Comprehensive Text book of Psychiatry
(2009, 9th edit.)
2. Kaplan & Sadock's synopsis of psychiatry : behavioral sciences/clinical psychiatry, 11th edition / Benjamin James Sadock, Virginia Alcott Sadock, Pedro Ruiz.
3. Diagnostics and Statistical Manual of mental health disorders
(1994, 4th edit)
4. Stahl's Essential Psychopharmacology (2013, 4TH Edit)
5. Goodman and Gilman's The Pharmacological Basis of Therapeutics, 12TH Edition



Thank you