



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course.	MSC of Neurology & psychological medicine
(2) Department offering the programme.	Neurology department- Psychiatric department
(3) Department responsible for teaching the course.	Psychiatric department
(4) Part of the programme.	Second part
(5) Date of approval by the Department's council	21-9-2014
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Elective course psychopharmacology
(8) Course code.	NPSYC 513pp
(9) Credit hours	1 hour
(30) Total teaching hours.	15 hours

Professional information

(1) Course Aims:

- 1-To ensure that graduates are able to render effective medical care to psychiatric patients.**
- 2- The graduates will possess sound clinical judgment, requisite skills and a high order of knowledge about the medical treatment of all psychiatric disorder.**
- 3- Graduates must have a keen awareness of their own strengths and limitations, and recognize the necessity for continuing their own professional development.**
- 4- Residents must demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and health professionals.**
- 5- Residents must be provided experiences in psychiatric emergency service and crisis pharmacological management of psychiatric patients**

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to

A- Knowledge and Understanding

- A1 Recognize concepts of Pharmacokinetics and pharmacodynamics in relation to psychopharmacological drugs.**
- A2 Discuss the comparison between Conventional antipsychotics and New generation antipsychotics as regard the mechanism of action, types , indications, contraindications , side effects, and drug interactions**
- A3 Discuss the mechanism of action, types , indications, contraindications , side effects, and drug interactions of Antidepressant, Mood stabilizers, Anxiolytics, and Memory enhancers**
- A4 Recognize the concepts of Augmentation, combination and polypharmacy**
- A5 Explain the general basis for drug interactions and the factors affecting drug adherence.**
- A6 Recognize Treatment guidelines for special conditions and with different age group**
- A7 Recognize drugs used in emergency conditions**

B1 Analyze the relation between the mechanism of actions , side effects , indications, contraindications of the different groups of psychopharmacological drugs
B2 Formulation of the appropriate therapeutic plans through the identification of the treatment guidelines .

Course content:

Subjects:	Lectures	Total Teaching Hours
Pharmacokinetics and pharmacodynamics	1	
Conventional antipsychotics	1	
Pharmacogenetics	1	
New generation antipsychotics	1	
Antidepressant	1	
New of depression	1	
Mood stabilizers	1	
Anxiolytics	1	
Memory enhancers	1	
Augmentation, combination and polypharmacy	1	
Drug interactions	1	
Drug adherence	1	
Treatment guidelines for conditions with special concern	1	
Treatment guidelines for special age group	1	
Drugs in emergency conditions	1	

(4)Teaching methods:

4.1.....Lectures.....

4.2.Seminars

4.3. Journal clubs & workshops.

4.4. clinical rounds for discussion of clinical cases.

(1) Assessment methods:

5.1....Written...40 marks.. for assessment of.....(knowledge, intellectual skills)

5.2....Oral.....50 marks..... for assessment of.....(knowledge, intellectual,

5.3 MCQ 10 Marks for assessment of.....(knowledge, intellectual skills)

Other types of assessment:..... %:.....

Other assessment without marks: No

(6)References of the course:

6.1. Hand books: Lecture notes in psychiatry and oxford hand book of psychiatry

6.2. Text books: Concise synopsis of Kaplan&Sadocks .

6.3. Journals: British Journal of psychiatry and American Journal of psychiatry

Facilities and resources mandatory for course completion:

- i. Lecture hall and data show
- ii. Clinical round halls
- iii. The library is located on the 4th floor of the Faculty of Medicine, Mansoura University.
- iv. International databases are available through the website of the university

Course coordinator: Hanan Elsayed

Head of the department: Wafaa Al-Bahei

Date: