



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	MSc degree of clinical pharmacology
(2) Department offering the programme.	Clinical pharmacology department
(3) Department responsible for teaching the course.	Clinical pharmacology department
(4) Part of the programme.	Second part
(5) Date of approval by the Department's council.	10/7/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Complementary Medicine
(8) Course code.	CPHARM 506 CM
(9) Total teaching hours.	15
(10) Credit hours.	1h

(B) Professional information

(1) Course Aims.

The broad aims of the course are to:

Acquire comprehensive knowledge about herbal medications; their uses, precautions and interactions.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

1. Recognize Historical, regulatory factors and clinical aspects of the use of botanicals.
2. Identify ecinacea and its uses.
3. Describe garlic uses and adverse effects.
4. Demonstrate ginkgo pharmacological effects and drug interactions.
5. Review ginseng pharmacological effects and clinical trials.
6. Discuss milk thistle uses and drug interactions.
7. Describe clinical uses and adverse effects of Coenzyme Q10 and glucosamine.
8. Demonstrate pharmacological effects and drug interactions of melatonin.

B-Intellectual skills

1. Interpret adverse drug reaction the molecular and pharmacological basis behind it.
2. Predict drug and food interactions of herbal medications.
3. Correlate the benefits versus the risks of use of herbal medications.

(3) Course content:

(1 credit theoretical= 1 teaching hour)

Subjects	Lectures	Laboratory
Historical and regulatory factors	1	-
Clinical aspects of the use of botanicals	1	-
Echinacea and its uses	1	-
Garlic pharmacological effects	1	-
Garlic adverse effects	1	-
Ginkgo pharmacological effects	1	-
Ginkgo & drug interactions	1	-
Ginseng pharmacological effects	1	-
Ginseng clinical trials	1	-
Milk thistle uses and drug interactions	1	-
Coenzyme Q10 clinical uses	1	-
Coenzyme Q10 adverse effects	1	-
Glucosamine pharmacological and adverse effects	1	-
Melatonin pharmacological effects	1	-
Melatonin & drug interactions	1	-
Total teaching hours:	15	-

(4) Teaching methods:

4.1. Lectures

(5) Assessment methods:

5.1. - **written examinations** for assessment of knowledge & intellectual ILOs

5.2. **MCQ exam** at the end of the semester for assessment of knowledge & intellectual ILOs

Assessment schedule:

إجمالي	الدرجة			الاختبار	المقرر
	عملي	شفاي	تفريي		
٥٠			٤٠	إختبار تفريي مدته ساعة	المقرر الاختياري
			١٠	إختبار MCQ	

(6) References of the course.

6.1: Text books:

Basic and clinical pharmacology (Katzung) [Last edition].
Pharmacology (Rang and Dale) [last edition].
Laurence pharmacology

6.2: Journals:

Pharmacological reviews, etc

(7) Facilities and resources mandatory for course completion.

- Computer labs with open access to medical research databases
- Upgraded library
- Induction course introducing study skills.
- Candidate's logbook.
- Internet with a wide range of learning support material.

Course coordinators:

- Prof. Dr. Hussien M. El-Beltagi
- Prof. Dr. Ali Gaballa
- Prof. Dr. Mohamed-Hesham Daba.
- Dr. Mohamed Aboelkheir Abdallah
- Ass. Lecturer. Rania al Qatary

Head of the department:

Prof. Dr. Hussien M. El-Beltagi

