



COURSE SPECIFICATION

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate Doctorate degree of Nephrology NEPH 610
(2) Department offering the programme:	Internal medicine department Nephrology Unit
(3) Department responsible for teaching the course:	Internal medicine department Nephrology Unit
(4) Part of the programme:	Elective course
(5) Date of approval by the Department`s council	5-11-2014
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Drug prescribing & drug-drug Interactions in nephrology practice
(8) Course code:	NEPH610DR
(9) Total teaching hours:	30(2 credit hours)

(B) Professional information

(1) Course Aims:

The broad aims of this part of the course are as follows:

- Provide candidates with additional information about pharmacodynamic and kinetic properties of drugs
- Enlightens drug prescription in CKD and RRT

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A 1 recall the details of pharmacokinetic properties of drugs.

A 2 recognize prescribing principles in CKD and RRT.

B- Intellectual skills:

B1 solve professional problems according to available data and set learning and improvement goals.

B2 evaluate risks involved in clinical practice.

C- Professional/practical skills

D- Communication & Transferable skills

(3) Course content:

Second part: Elective courses (5th semester, module 4) only one of the following:

Course title	Code	No of Hours/ week				Total Teaching hours	Credit hours
		Theoretical (hr)		Practical (hr)	Total weeks		
		Lecture	Seminar				
<u>Drug prescribing & drug-drug Interactions in nephrology practice</u> Pharmacokinetic principles Prescribing principles for CKD and RRT Common prescribing issues in CKD & RRT	NEPH610DR	1	1	0	15	30	2

(4) Teaching methods:

4.1: Lectures with power point presentations and discussions.

(5) Assessment methods:
Written exam (50 marks)

As a **part of Second part exam** , 3 years from admission to the program

Log book for assessment of the attendance

(6) References of the course:

Textbooks

- Brenner's textbook of nephrology.
- Chronic Kidney Disease, Dialysis, and Transplantation, Companion to Brenner and Rector's the Kidney (by Brian J.G. Pereira; Mohamed Sayegh & Peter R. Blake.
- Comprehensive clinical Nephrology textbook.
- Essential Atlas of Nephrology & Hypertension. Schrier, Robert W.; Cohen, A.H. (Eds.)
- Oxford textbook of medicine
- Oxford textbook of clinical Nephrology
- Shaul El-Massry textbook of nephrology.
- The Washington Manual® Nephrology Subspecialty Consult. Irfan A Agha, and Gopa Bhattacharyya Green
- Essential Evidence-Based Medicine ,Second Edition, 2010 by Dan Mayer, MD

Periodicals

- Advances in Chronic Kidney Disease.
- American Journal of Hypertension.
- American Journal of Kidney Diseases.
- American Journal of Physiology - Renal Physiology.
- BMC Nephrology.
- Clinical and Experimental Nephrology.
- Clinical nephrology.
- Current Opinion in Nephrology & Hypertension.

- Journal of Renal Nutrition.
- Journal of the American Society of Nephrology.
- Kidney International.
- Nephrology, dialysis and transplantation.
- Nephron Clinical Practice.
- Nephron Experimental Nephrology.
- Nephron Physiology.
- Pediatric Nephrology.
- Peritoneal Dialysis International.
- Scandinavian Journal of Urology and Nephrology.
- Seminars in Dialysis.
- Seminars in Nephrology
- The Internet Journal of Nephrology.

Web Sites:

- American Society of Cell Biology
- American Society of Nephrology
- American Society of Transplantation
- Hdcn.com
- EDTA-ERA Educational
- Kidney Directions
- National Kidney Foundation
- Nephrology gateway
- Renal Biopsy Site
- Renal Physicians Association
- The Nephron Information Center
- The Renal Network, Inc.
- Up-To-Date

(7) Facilities and resources mandatory for course completion:

Candidates and their learning are supported in a number of ways:

- Induction course introducing study skills
- Candidates logbook
- Programme Specification and Handbooks
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MD Dissertation Supervisor

Course coordinator:

Prof. Mohamed Sobh (General supervisor).....

Prof. Hussein Sheashaa (Academic Guide).....

Head of the department:

Prof Salah Gamal.....

Date: 5.11.2014