



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:	Genetics and hereditary renal disorders
(8) Course code:	NEPH 610GE
(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 advanced insights in polycystic disease of the kidney and other cystic kidney diseases
- Provide information about familial and inherited Glomerular and tubular disorders.
- Respond to the educational and research training needs of doctors with a special interest in Nephrology.

(2) Intended Learning Outcomes (ILOs):

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

A- Knowledge and Understanding

A 1 recall the details of polycystic kidney disease and other cystic lesions of the renal system

A 2 recognize familial Glomerular syndromes.

A 3 recall hereditary tubular disorders and inherited disorders of Na and water handling..

B- Intellectual skills:

B 1 solve professional problems according to available data and set learning and improvement goals.

B 2 analyze efficiently case scenarios and refer to the most appropriate diagnosis and possible differential diagnosis and interpret basic clinical tests and images as well as obscure findings.

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)			
		Lecture	Seminar				
Genetics and hereditary renal disorders Autosomal dominant polycystic kidney Other cystic kidney diseases Familial glomerular syndromes Hereditary proximal tubular disorders Inherited disorders of Na& water handling	NEPH610GE	1	1	0	15	30	2

(4) Teaching methods:

4.1: Lectures with power point presentations and discussions.

4.3: Seminars and presentation of an essay by the postgraduate students.

(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

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