



COURSE SPECIFICATION

(Elective course: Immunologic basis of diseases)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate Master degree of Pathology
(2) Department offering the programme:	Pathology department
(3) Department responsible for teaching the course:	Pathology department
(4) Part of the programme:	Second part
(5) Date of approval by the Department's council	26/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Elective course
(8) Course code:	PATH 505 IB
(9) Total hours:	2 credit hours

(10) Total teaching hours:	30 hours
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(B): Professional information

Course Aims

- 1- To provide detailed informations about human leukocytic antigen and its relation to different disease processes
- 2- To clarify principles of transplant rejection on different organ transplantation
- 3- To support identification of morphologic changes in different organs associated with transplant rejection
- 4- To build basic knowledge about pathogenesis and morphologic features of autoimmune diseases

Intended Learning Outcomes (ILOs):

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. Discuss the relation between HLA types and disease
- A2. Recognize the immunological basis and mechanisms of graft rejection
- A3. Discuss the various types , and pathological diagnosis of autoimmune diseases

B- Intellectual skills

B1:Integration of pathogenesis to morphology in immunologic diseases

B2:understanding the basis of autoimmune diseases

B3:Analyze features of transplant rejection in different organs

Course content

Content	Teaching hours
1-HLA and disease association	5
2-Transplant rejection of different organs (kidney, lung, heart, et.....)	10
3-Autoimmune diseases	15

Teaching methods.

4.1: Lectures & Seminars

4.2: Conferences

4.3: Training on examination of pathologic slides

4.4: Essay preparation & discussion.

4.5: Teaching of the students on pathology lab. In Mansoura university medical centers.

Assessment schedule.

Written exam of 60 marks

MCQ: 15Marks

Other assessment without marks.

1-Attendance Criteria: Minimum acceptance attendance in each course is 75%

2- Log book should be fulfilled and signed by Head of the department

References of the course.

6.1: Hand books: Course notes: Book authorized by department

6.2: Text books: Rubbin's text book of pathology & Ackerman's surgical pathology

6.3: Websites:

- <http://www.pathmax.com>

- United States and Canadian Academy of Pathology (USCAP): <http://www.uscap.org/>

- The Royal Collage of pathologists: <http://www.rcpath.org/>

Facilities and resources mandatory for course completion.

- ☐ Lecture halls and data show
- ☐ Pathology labs. in various Mansoura university medical centers
- ☐ Pathology Archives of slides and tissue for problematic cases
- ☐ Extensive library and other learning resources
- ☐ Computer laboratories with a wide range of software
- ☐ Internet with a wide range of learning support material

Course coordinator: Dr. Reham Nagib

Head of the department: Prof. Dr. Khaled Zalata