

University: Al-Azhar University.

Faculty: Faculty of Medicine, Cairo.

Department : Psychiatry

1-data of the course

Code of the course: 07-700-Psych-M.D.	Course title: Pathology M.D. degree Psychiatry	M.D.
Speciality: Psychiatry	Number Of teaching units: 11	Lectures: 2 hours weekly

2-Objectives of the course

By the end of the course, students should be able to:

- 1.** To familiarize students with the basic disease patterns including definition, etiology, morphologic changes in different organ system diseases in addition to their fate and complication.
- 2.** To provide students with essential knowledge for gross and microscopic changes in different diseases for understanding and interpreting pathological reports.

3-ILOs

By the end of this course, through the following: knowledge, skills & attitude the students will be able to:

<p>Knowledge and understanding</p>	<p>1-Identify the principals of general pathology (cell injury, inflammation, tissue repair, homodynamic, cellular dyspalsia , neoplasia... etc) and explain different disease processes occurring in cardiovascular system, renal and endocrinal organs; their causes (etiology), and how the disease develops in response to the etiologic agents (pathogenesis) together with infectious diseases in all body organs.</p> <p>2. Describe and discuss characteristic gross and microscopic pictures of different pathologic lesions within those organ systems and the associated functional disturbances.</p> <p>3. Determine the fate and complications of different disease processes.</p>
<p>Intellectual skills</p>	<p>1. Recognize gross and microscopic pictures aiming at reaching the correct diagnosis.</p> <p>2. Predict the diagnosis of different diseases based on the underlying gross and microscopic pictures.</p>

M.D. Course specification - PATHOLOGY

Professional skills	<ol style="list-style-type: none">1. Employ the different diagnostic pathological tools2. Interpret a pathology report in an accurate manner.
General skills	<ol style="list-style-type: none">1. Search for the recent medical information and continued progress in medical sciences.2. Express freely and adequately themselves by improving descriptive capabilities and communication skills.3. Respond appropriately according to the seriousness of pathologic diagnosis in acceptable manner.

4-course content:

GENERAL

- 1- Inflammation
- 2-infectious disease (viral, bacterial and specific).
- 3-Tumors.

SYSTEMIC

- 1- cerebral oedema
- 2-hydrocephalus
- 3-cerebrovascular diseases: hypoxia, ischemia, hypotension, hypoperfusion, low flow state and hypertensive cerebrovascular disease
- 4- Intracranial hemorrhage
- 5- Vascular malformations.
- 6- infection

7-demyelinating diseases MS, acute disseminated encephalomyelitis.

8-degenerative diseases:

Alzheimer ds., Parkinson ds.,Huntington ds.,

5-Methods of teaching:

Lectures: white board, Computers, Data show, overhead projector and CDs. Two hours per week throughout the course.

Methods of teaching for handicaps:

Not present

6-students evaluation and assessment

A-Method of assessment	Written Exam Oral Exam
B-Time of assessment	Written Exam : 1 hr Oral exam

M.D. Course specification - PATHOLOGY

C- Allocated marks	1-Final written exam in one paper: 50%. 2- Oral exam: 50 %. 3-Formative only assessment: simple research assignment, Log book, attendance and absenteeism
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7-teaching books, notebooks and references:

Kumar Pathology text Cotran Pathology text book
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Course coordinator: Dr Mohammed Abdalla
Ghowaynem

Head of department: Prof Dr Mohammed Hashem
Bahari