



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Internal medicine

Course specifications

**Internal Medicine for
Ophthalmology Master degree**

**NEW STUDY PLAN OF POSTGRDUATE
2016-2017**

Internal Medicine for Ophthalmology Diploma & Master degrees Course specifications

University: Tanta Faculty: Medicine Department: Internal medicine

A- Administrative Information

1- Course title: Internal Medicine for Ophthalmology Diploma & Master degrees

2- Department offering the program: Ophthalmology

3- Department responsible for the course: Internal medicine and Ophthalmology

4- Course coordinator: Prof.Dr/Mamdouh Gabr

5- Course internal evaluators: Prof.Dr/Faiza Lashin & Prof.Dr/ Ebaa Elsheikh

6-Course external evaluators: Prof.Dr/Hassan Abd Elhady (Prof. of internalmedicine, Monyfia university)

7- Course code: OPHT 7005 AMD OPHT 8005

8- Level: 1 st part

9- No. of Credit / taught hours:

Lectures: 2 (15 hours) Practical& others: 1 (30 hours) Total:3/60

10-Authorization date of course specification: 18-9-2013

B- Professional Information

1- Overall Course aims

Our course aim to offer advanced knowledge and skills that allow candidate to practice internal medicine ethically and professionally, and gain positive attitude towards continuous medical education

2 - Intended learning outcomes (ILOs):

A-knowledge and understanding:

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

a.1- Describe the basic theories and principles of internal medicine specialty related to ophthalmology.

B-Intellectual skills

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

b.1- Analyze, and Prioritize the medical problems

b.2- Take medical decision according to available information in particular situations

C-Professional & practical skills

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

c.1-Apply professional medical skills in internal medicine specialty regarding clinical examination, diagnosis, and management

3-Course contents

Theoretical lectures: 2 hours/ week practical study: 2 hours weekly

Topics	No. of hours	
	lecture	Clinical
Cardiovascular disorders	2	3
Respiratory disorders	3	2
Infections & environmental disorders	3	4
GIT& hepatology disorders	3	3
Hematology disorders	3	4
Nephrology disorders	3	2
Rheumatology disorders	4	2
Endocrinology , nutritional , Mineral & metabolic disorders	5	4
Neurology disorders	3	6
	30	30

A-Topics

1.Endocrinal & Metabolic diseases

-Thyroid and parathyroid gland -Adrenal gland
-Pituitary gland -DM

2.Cardiovascular diseases:

- Valvular lesions - Rheumatic fever - infective endocarditis - HTN

3.Gastroenterology:

-Liver diseases
-Hepatic failure
-Git bleeding

4.Respiratory diseases:

-T.B - BRONCHOGENIC CARCINOMA -Respiratory failure -
COPD

5.Rheumatology

1. APPROACH TO THE PATIENT WITH RHEUMATIC DISEASE
2. LABORATORY TESTING IN THE RHEUMATIC DISEASES
3. RHEUMATOID ARTHRITIS
4. SYSTEMIC LUPUS ERYTHEMATOSUS
5. THE SYSTEMIC VASCULITIDES

6. Renal diseases:

-PH, fluid, and electrolyte disturbance - END STAGE RENAL DISEASE (ESRD)

7. Infectious diseases:

-HIV - HERPES SIMPLEX - HERPES ZOSTER -

8. Blood diseases:-Bleeding disorders -Anemia

-Hypercoagulable state - Leukemia - LYMPHOMA

9. Neurological diseases:

-Vertigo -Brain tumours

-Vertebro-basilar Insufficiency.

-Neuropathy (peripheral and cranial)

B- CLINICAL CASES

I-CARDIOVASCULAR

- Hypertension - INFECTIVE ENOCARDITIS

II-RESPIRATORY

1. TUBERCULOSIS

2. BRONCHOGENIC CARCINOMA

3- COPD

III-Infections disorders

1. HERPES ZOSTER

2. FUO

3. HERPES SIMPLEX

IV-GIT& Hepatology disorders

1. Cirrhosis

2. VIRAL HEPATITIS

3. Jaundice

V-HEMATOLOGY/ONCOLOGY

1. Anemia

2. Bleeding disorders

3. Lymphoma

4. Leukemia

VI-NEPHROLOGY

1. Acute renal failure

2. chronic renal failure

VII-RHEUMATOLOGY

1. Systemic lupus erythematosus

2. Rheumatoid arthritis

3. Vasculitis

4. Scleroderma

5. Dermatomyositis

VIII-ENDOCRINOLOGY

1. Adrenal insufficiency and Cushing

2. Diabetes

3. Hyper/hypothyroidism
4. Parathyroid and calcium metabolism/osteoporosis

IX-NEUROLOGY

- 1-Vertebro-basilar Insufficiency.
- 2-Neuropathy (peripheral and cranial)

C- SKILLS

1. Interpretation of laboratory tests related to internal medicine.
2. Electrocardiography interpretation.
- 3- Radiology: Plain X-ray chest

4-Teaching and learning methods

- 1.Illustrated lectures: Large group plenary sessions in lecture theaters are time tabled; they set the scene for a topic, highlight important issues and arouse curiosity in relevant areas.
- 2.Clinical rounds: Tutors demonstrate the core practical clinical skills and students practice.
- 3.Problem based learning: to study written descriptions of clinical situations & Interpretation of laboratory medicine tests.
- 4.Assignment : Each student completes a review on a selected topic and delivered in a known dead time.
- 5.Attendance with guidance.
6. Illustration of internal medicine objectives using data show and movies.

5-Student Assessment

End-semester MCQ exam in the 15th week of the semester

6- List of references

6.1 Course notes

- Handout of lectures.
- National books approved by the internal medicine council

6.2 Text books

- Cecil textbook of medicine

6.3 Recommended books

- Davidson's principles and practice of medicine
- Clinical medicine Kummar & Clark
- 1000 MCQs for Davidson's principles and practice of medicine
- MCQs for clinical medicine Kummar and Clark
- Hutchison's clinical methods
- Clinical examination, Macleod, Munro
- A guide to physical examination, Barbara Bates

7.4 Periodicals and web sites

E-medicine &pubmed websites

7.5 The Egyptian Authority for Quality Assurance and Accreditation for Education (NAQAAE)

7-Other resources/ facilities required for teaching and learning to achieve the above ILOs

- Rooms for small group teaching.
- Black and white board.
- Audiovisual aid (data shows, overhead, laptops and slide projectors).
- Faculty library.
- Electronic library

8-we certify that all of the information required to deliver this course is contained in the above specifications and will be implemented

We verify that the above Course and the analysis of students and external evaluator opinions are accurate.

Course coordinator and head of department

name.....signature.....Date.....

Head of quality assurance unit:

name.....signature.....Date.....