



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of Internal medicine

Course specifications

**Internal Medicine for Physical
Medicine, Rheumatology &
Rehabilitation diploma degrees**

2013 - 2014

University: Tanta Faculty: Medicine Department: Internal medicine

A- Administrative Information

1- Course title: Internal Medicine for Physical Medicine, Rheumatology & Rehabilitation Diploma Degree

2- Department offering the program: Physical Medicine, Rheumatology & Rehabilitation

3- Department responsible for the course: Internal medicine and Physical Medicine, Rheumatology & Rehabilitation

4- Course coordinator:

5- Course internal evaluators:

6- Course external evaluators:

7- Course code: PRR 7003

8- Level: 1st part

9- No. of Credit / taught hours:

theoretical: 2 & practical: 1 credit hour.

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 Physical Medicine, Rheumatology & Rehabilitation.

B-Intellectual skills

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

b.1- analyze, and Prioritize the medical problems

b.2- Solve common medical problems related to internal medicine specialty.

C-Professional & practical skills

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

Course specifications: Internal Medicine for Physical Medicine, Rheumatology & Rehabilitation diploma degrees, 2013-2014

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

d-General transferable skills

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

- d.1- Apply self evaluation and specify his medical educational needs.
- d.2-Use different learning resources to get knowledge and information.
- d.3- Mange time and practice team working
- d.4-lead a team in specified professional job.
- d.5- Perform continuous medical education

3-Course contents

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

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

A-Topics

I.Endocrinal & metabolic diseases:

- 1-Pituitary gland
- 2-thyroid gland
- 3-DM
- 4-Obesity & Dyslipidemia

II.Cardiovascular diseases:

- 1-HTN
- 2-Heart Failure
- 3-Coronary artery disease

III.Rheumatology

- 1. APPROACH TO THE PATIENT WITH RHEUMATIC DISEASE
- 2. LABORATORY TESTING IN THE RHEUMATIC DISEASES
- 3. RHEUMATOID ARTHRITIS
- 4. THE SPONDYLOARTHROPATHIES
- 5. SYSTEMIC LUPUS ERYTHEMATOSUS
- 6. SCLERODERMA (SYSTEMIC SCLEROSIS)
- 7. ANTIPHOSPHOLIPID SYNDROME
- 8. THE SYSTEMIC VASCULITIDES
- 9. Behçet's DISEASE

IV. Respiratory diseases:

- 1-COPD
- 2-Bronchogenic carcinoma

V. Haematological diseases:

- 1- Anemia
- 2- bleeding disorders
- 3-coagulation disorders

VI- Gastroenterology:

Liver diseases

VII. Neurological diseases:

- 1-Neuropathy
- 2-Involuntary movement
- 3-Hemiplegia
- 4-Paraplegia

B- CLINICAL CASES

I-CARDIOVASCULAR

1. IHD
2. Congestive heart failure
3. Hypertension

II-RESPIRATORY

1. Obstructive lung disease - chronic bronchitis, emphysema
2. Bronchogenic carcinoma

III-GIT& Hepatology disorders

1. Cirrhosis
2. Ascites
3. G.I. bleeding
4. Jaundice

IV-HEMATOLOGY

1. Anemia
2. Clotting disorders
3. Bleeding disorders

V-RHEUMATOLOGY

1. Systemic lupus erythematosus
2. Rheumatoid arthritis
3. Vasculitis
4. Scleroderma
- 5- SPONDYLOARTHROPATHIES

VI-ENDOCRINOLOGY

1. Acromegaly
2. Diabetes
3. Hyper/hypothyroidism
4. Obesity

IX-NEUROLOGY

1. Cerebrovascular disease - stroke syndromes
3. Peripheral neuropathy.
4. Myopathy
- 5- Ataxias

C- SKILLS

1. Interpretation of laboratory medicine tests.
2. Electrocardiography interpretation.
3. Radiology: Plain X-ray, contrast radiology, ultrasound, CT, MRI & nuclear medicine

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

Log book and MCQ

Assessment	notes	date
1 Final written exam	One paper(assay and short notes)	October - April
2 Oral exam	one sessions, one examiner	October - April
3 Practical exam	One clinical case, one examiner	October - April

6- Weighing of assessments

- MCQ exam will be done at the end 2nd semester (at the end of 15 week)

Final written examination	45 Marks
Oral examination	15 Marks
Practical/laboratory work	15 Marks
Total	75 Marks

List any formative only assessment: Log book (for fulfillment to present for exam)

7- List of references

7.1 Course notes

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

7.2 Text books

- Cecil textbook of medicine

7.3 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)

8-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

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

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Course coordinator and head of department
name.....signature.....Date.....

Head of quality assurance unit:
name.....signature.....Date.....