



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

Department of General Surgery

Course Specifications

**Neurosurgery and orthopedic for
Physical Medicine, Rheumatology &
Rehabilitation diploma degree**

2015-2016

Course Specifications: Neurosurgery and orthopedic for Physical Medicine, Rheumatology & Rehabilitation diploma degree, 2015-2016

Neurosurgery and orthopedic for Physical Medicine, Rheumatology & Rehabilitation
diploma degree Course specifications

University: Tanta Faculty: Medicine Department: General Surgery

A- Administrative Information

1- Course title: Neurosurgery and orthopedic for Physical Medicine, Rheumatology & Rehabilitation diploma degree

2- Department offering the course: Physical Medicine and Rehabilitation Department

3- Department responsible for the course: Physical Medicine and Rehabilitation Department, Faculty of medicine.

4- Course code: PRR 7004

- Level: First Part: of Total 30 %

6- No. of Credit / taught hours:

Theoretical: 2 & practical: 1 credit hour

7- Authorization date of course specification: 8-11-2015

B- Professional Information

1 – Overall course aims

Our Course aims to:

To provide a core scientific knowledge concerning the understanding, preparing and managing different surgical conditions related to Physical Medicine and Rehabilitation safely.

To train and graduate competent specialist in Physical Medicine and Rehabilitation with good knowledge about the general surgery topics in relation to his specialty practice.

To provide an educational environment that promotes the standard delivery of general health care.

2 – Intended learning outcomes (ILOs):

a. Knowledge and understanding:

By the end of the course the candidate will be able to:

a1 – Have a sound knowledge in the principles of neurosurgery in relation to trauma or Physical Medicine and Rehabilitation.

a2 - Formulate a reasonable and comprehensive differential diagnosis and recognized common disorders between neurosurgery and Physical Medicine and Rehabilitation.

a3 - Teach and share knowledge with colleagues, Residents, Students, and other health care providers.

b. Intellectual skills:

By the end of the course the candidate will be able to:

b1- Recognizes emergency situations and manage them effectively. Select relevant investigations logically and conservatively, and interpreting their results accurately.

c. Professional and practical skills:

.By the end of the course the candidate will be able to:

c1-) Perform many surgical, diagnostic and therapeutic procedures and operations, especially those used in the management of emergencies and trauma and Perform good joint examination.

c2- Communicate well with patients, their relatives and colleagues.

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c3- Educate and update himself and others in the field.

d. General and transferable skills:

By the end of the course the candidate will be able to:

- d1- Possess high ethical and moral standards.
- d2 – Apply self education and specify his educational needs.
- d3 – Practice team working and lead teams in specialized professional jobs.

3 – Course content:

Course content of neurosurgery:

Entrapment and injuries of Nerves of Upper limb:

Median ,ulnar and radial nerves and brachial plexus

Entrapment and injuries of Nerves of lower limb:

Sciatic nerve

Course content of orthopedic:

Joints of upper limb (Examination & DD Of Pain)

Shoulder, elbow, wrist & hand

Joints of lower limb: (Examination & DD Of Pain)

Hip, knee ,ankle &foot

Volkman's ischemic contracture

4-Teaching and learning methods

- Lectures
- Seminars
- Workshops
- Bedside teaching
- assignments
- conference participation and attendance
- observation

5-Student Assessment

Log Book and MCQ at the end of semester + as a part of the final exam of first part

6- Weighing of assessments

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

Method of Assessment	Degree
Final term examination	45
Oral examination	15
Practical/laboratory work	15
Total	75

7- List of references

- 1) Kasar AIAini Textbook of Surgery, 2008
- 2) Baily and Love's Short Practice of Surgery, 2008
- 3) Manual of Trauma and emergency Surgery, 2000

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

None

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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.....