

THE UNIVERSITY OF JORDAN
FACULTY OF MEDICINE
DEPARTMENT OF INTERNAL MEDICINE

Course outline

Classification:	Medicine
Course Code:	0508413
Course Title:	Neurology
Year Level :	4 th . Year
Round Schedule:	10:30am – 11:30am
Duration (Weeks):	4 Weeks
Tutorial Schedule	9:30 - 10:30 (sun-thurs)
Credit Hours	4.5
Course Coordinator	Yakob baho, MD
Prepared by:	Said Dahbour, MD
Date of Outline Preparation:	10-12-2005
Date of Last Revision:	29-11-2012
Checked by:	Said Dahbour, MD
Approved by Head of Department:	Dr. Nathir Obeidat

I. Rotation Description

- 1) The neurology clinical rotation is offered to the fourth year medical students who have successfully passed the 2nd and 3rd years where core basic science courses in neuroscience including neuroanatomy, neurophysiology, neuropathology and some neuropharmacology have been delivered by basic medical sciences staff.
- 2) The first part of the clinical neurology rotation starts during the clinical introductory course. During this course one week of introductory clinical neuroscience course is given by neurology staff where structured lectures of the normal anatomy and physiology of the central nervous system are offered in the morning with some video demonstration followed by full day supervised examination of the normal nervous system is done. Students are divided in small groups of 10-15 and each group is guided by a senior medical resident or clinical instructor. Also aspects related to neurological history are discussed during this week.
- 3) After successfully passing the introductory course students (divided in groups of (20-24) will have a 4 week clinical neurology rotation. Students will be assigned in subgroups (each of 4-6 students) to attending staff neurologist at Jordan University hospital or King Hussein medical Center. Students will have a chance to rotate with more than one attending during this 4 week rotation.

II. Rotation Objectives and Expected Outcomes:

- 1) Be familiar with the structure and function of the healthy nervous system
- 2) Learn how various diseases affect the nervous system
- 3) Obtain a neurological history and perform a neurological examination

III. Suggested Textbook(s) and Readings

- Harrison textbook of medicine: Neurology chapters
- Davidson's textbook of medicine: Neurology chapters.
- Lectures notes in neurology. Lionel Ginsberg
- Blueprints in neurology. Frank W. Drislane

V. Teaching Materials Made Available to Students

1. Textbook and references
2. Lecture Notes and Handouts, from seminars prepared teaching assistants.
3. Journals available through university website

VI. Educational Facilities

1. Classroom with whiteboard and projection facilities
2. College Library
3. Internet

VII. Rotation Outline

The following topics will be covered in this rotation:

- 1) Headaches
- 2) Cerebrovascular disease
- 3) Multiple sclerosis
- 4) Polyneuropathy including including acute and chronic forms
- 5) Movement disorders like Parkinson's disease
- 6) Diseases of muscles and neuromuscular junction
- 7) Seizure disorders and epilepsies
- 8) Infections of the nervous system (meningoencephalitis)
- 9) Dementia and other degenerative disorders
- 10) Introduction to common neurological investigation like EEG / NCS/ EMG

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VIII. Instructional Methods

- Seminars.
- Sharing & discussing cases.

IX. Student Rotation Evaluation Methods

- 1) At the end of the rotation students will be give an evaluation that will comprise 20 % of the total mark in neurology clerkship.
- 2) At the end of the semester students will be evaluated through OSCE and this will comprise 30% of the total neurology mark.
- 3) At the end of the year students will set for a written examination and this will represent 50% of the total mark.

X. Major Evaluation Dates

Rotation Final Evaluation	End of Rotation
End of Year Final Exam	As suggested by University Calendar