



The Hebrew University of Jerusalem

Syllabus

NEUROLOGY- FIFTH YEAR- FINAL EXAM - 96513

Last update 27-10-2022

HU Credits: 4

Degree/Cycle: 2nd degree (Master)

Responsible Department: Medicine

Academic year: 0

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Prof. Netta Levin

Coordinator Email: netta@hadassah.org.il

Coordinator Office Hours:

Teaching Staff:

*Dr. benjamin uliel,
Dr. dana ekstein,
Dr. David Arkadir,
Dr. maxim bauerr,
Dr. tamir ben hur,
Dr. easterina ben zion,
Dr. Marc Gotkine,
Dr. eduard linetsky,
Prof Netta Levine,
Dr. anda EILAM,
Dr. fatma shalabi,
Prof dimitrios karosis,
Dr. tal friedman korn,
Dr. panayiota petrou,
Dr. mordekhy medvedovsky,
Dr. yossef lerner,
Prof Ronen Leker,
Dr. Todd Lynn,
Dr. Shlomzion kahan merhavi,
Dr. nour eddine yagmor,
Dr. gubran hamza,
Prof Adi Vaknin,
Dr. asaf honig,
Dr. diya doufish,
Dr. ROY DAYAN,
Dr. Muneer Abu-Snineh,
Prof Shahar Arzy,
Dr. Muler Caroline,
gad majadele,
levy michaelshwilli,
renim awdeh,
Tarek Keadan,
yoel schwartzmann,
Zlil Shifman,
david spizzichino,
Dr. RONIT GILAD,
Yigal Shoshan,
Dr. Zvi Israel,
Andres Vargas,
Andrew Kaye,
Guy Rosenthal,
Jose Cohen,
Dr. Samuel Moscovici,
Dr. Moatasim Shweiki,
Saadit Houry,
Lea Kahanov,*

Juan Leon,
wenad najar,
michael farverov,
Rotem Hershkowitz,
Uri aydelsberg,
Waed Maslaha,
Marco Zorita,
lea morjon,
Dr. tal ben uliel,
Dr. Avi Ashkenazi,
Dr. Roni Eichel,
Dr. Gilad Yahalom,
Prof Natan Bornstein,
Dr. Betina Birmanns,
Dr. Shira Markowitz,
Dr. Malek Abu-Lafi,
Ms. Mikhal Cohen,
Dr. Yoel Cohen,
Amir Janah,
Danielle Wasserman,
Mossab Harbawi,
Lamyah Ahmad Abddalla,
Dr. Yosef Schechter,
Ms. Melania Kassem,
Stefan Mausbach,
Ms. Garcia Mellisa,
Ms. Rami Abudalu,
Dr. Marina Dano,
Dr. Nevo Margalit,
Dr. Tal Shahar,
Dr. Lior Gonen,
Ms. John Winestone,
Ms. Shapiro Henry,
Ms. Rajz Gustavo,
Ms. Isabelle Korn-Lubetzki,
Ms. Dani Rapport,
Ms. Angel Golimstok,
David Hazon

Course/Module description:

Neurology and Neurosurgery Course for fifth year medical students.
Taught in Hadassah Medical Center and Shaare Zedek Medical Center.
Course duration is 4 weeks.

Course/Module aims:

Learn basic neurology and neurosurgery, which is required by every physician, and identify situations where a neurologist / neurosurgeon should be consulted for optimal patient care.

Learning outcomes - On successful completion of this module, students should be able to:

To know the emergencies in neurology and neurosurgery
To know the common diseases in neurology and neurosurgery, and what are the therapeutic approaches to those diseases

Attendance requirements(%):

100

Teaching arrangement and method of instruction: Lectures, clinics, PBL, guided rounds, shadowing in clinic and operating rooms, patient admissions, attendance in the emergency room

Course/Module Content:

Neurology round:

1. Emergencies:

- A. Stroke
- B. Epilepsy
- C. Acute central nervous system infection including meningitis and encephalitis

2. Others:

- A. Motor Disorders
- B. Tumors of the nervous system
- C. Peripheral nervous system diseases
- D. Muscle diseases
- E. Immune-mediated diseases - neuroimmunology - sclerosis
- F. Neurological disorders: visual pathologies in the optic nerve, visual pathways and the visual cortex
- G. Sharp and chronic cognitive disorders
- H. Neurologic pain (headaches and others)

Neurosurgery round:

- 1. Managing a patient with a minor head injury
- 2. Management of a patient suffering from headaches
- 3. General reference to head tumors
- 4. Management of a patient suspected of having sub-arachnoid hemorrhage, cerebral aneurysm and other vascular deformities

5. *Spine and spinal cord tumors, degenerative diseases of the spinal cord, and evaluation of spinal stability*

Required Reading:

Introductory lectures (see course 96505)

Additional Reading Material:

*Neurology: chapters included in Harrison's Principles of Internal Medicine
Neurosurgery: Kaye AH. Essential Neurosurgery, 3rd Edition.; 2005*

Course/Module evaluation:

End of year written/oral examination 100 %

Presentation 0 %

Participation in Tutorials 0 %

Project work 0 %

Assignments 0 %

Reports 0 %

Research project 0 %

Quizzes 0 %

Other 0 %

Additional information:

The requirements for passing the rotation successfully include:

Receiving a passing grade in the department entrance test (pass/fail format)

Submission of the required assignments in the rotation's assignment book.

Obtaining a passing grade in the end-of-rotation test and the final exam at the end of the year.

The students' grade at the end of the rotation consists of the following components:

Final oral test at the end of the rotation (30%)

Written test at the end of the fifth year (70%)