

Name of the course: Anatomy of the Head and Neck

Number of course: 47183064

BGU Credits: 3.5

ECTS credits:

Academic year: 3rd year medicine

Semester: 2nd semester

Hours of instruction: 8:15-16:00

Lectures: 36 hours

Dissection labs: 30 hours

Location of instruction: Lectures take place in the Deichmann Bldg for Health Professions; Labs take place in the dissection room (Pathology Bldg, Soroka University Medical Center)

Language of instruction: Hebrew

Cycle: M.D.

Position: System, obligatory

Field of Education: Anatomy

Responsible department: Dept. of Physiology and Cell Biology, Faculty of Health Sciences, Ben-Gurion University of the Negev

General prerequisites: Successful completion of all prior courses

Grading scale: The successful completion of a multiple-choice question written examination and a practical examination on cadavers (50:50 of the final grade) with a score equal or above 65%.

Course Description:

Aims of the course: To provide students with deep knowledge of topographic anatomy of the Head and Neck region.

Objectives of the course:

The main objective is to emphasize medical-anatomical concepts and structural relationships in the Head & Neck region. Frontal lectures and cadaver dissections are employed along with imaging/cross-sectional anatomy to facilitate understanding and retention in the highly truncated time frame allotted to the course. The use of senior medical students as teaching assistants in the dissection laboratory provides another critical component to the course. These students bring their clinical experience and particularly their appreciation for anatomy as a key tool in the diagnosis and treatment of pathology to the dissection laboratory.

Learning outcomes of the course: On successful completion of the course, the student should be:

1. familiar with organization, spatial relations, blood supply, innervation and function of main structures in the Head and Neck region, such as bones/joints, muscles and organs (ear, eye, etc.).
2. able to demonstrate the capability of implementing this knowledge in understanding the Head and Neck pathology.

Attendance regulation:

Lectures - mandatory

Labs - mandatory

Teaching arrangement and method of instruction:

Basic information is available in common textbooks. Frontal lectures, supported by PowerPoint® presentations and reviewing major points of interest, are given in the morning hours (8:15-12:00). Each lecture is followed by practical studies on cadavers in the dissection room.

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Monday/Tuesday by appointment.

Course evaluation: Upon completion of the module the students will evaluate the module, in order to draw conclusions, and for the university's internal needs.

Confirmation:

2015

Last update:

2014

Assessment:

Comprehensive examination:

Practical examination in the dissection room – 50%

Final written examination – 50%

Work and assignments: Attendance to the lectures; attendance to dissections; self study at home and in dissection room

Time required for individual work: in addition to attendance in class, the students are expected to do their assignment and individual work, as follows.

One day in the middle of the course is scheduled for self-study – 8 hours

One more day is scheduled for self-study in the end of the course before the exam.

In addition, self-study in dissection room on evening hours is allowed and strongly encouraged.

Course Content\ schedule and outlines:

Lectures:

1. The Skull
2. The Neck and Neck triangles
3. Autonomic nervous system and cranial nerves
4. Cranial nerve V
5. Cranial nerve VII
6. Meninges
7. The eye
8. The ear
9. The nose, nasal cavity and paranasal sinuses
10. Oral cavity and temporomandibular joint
11. Pharynx and Larynx
12. Blood supply to the Head and Neck: an overview
13. Radiological anatomy of Head and Neck
14. Embryology

Required reading:

Clinically Oriented Anatomy, 4th or 5th Ed. Moore & Dalley, Lippincott Williams and Wilkins

Or

Clinical Anatomy for Medical Students, Snell

Additional literature:

*** All learning material will be available to the students on the course's website (Moodle)/ library/ electronic documents available to BGU students.**