Name of the module: Oncology 4rd Year Medicine

Number of module: 471-8-4001

BGU Credits: 3

ECTS credits:

Academic year: 4rd year medicine.

Semester: Second semester, One-week course.

Hours of instruction: 8:15am–4:00pm

Lectures - 28 hours

Clinical discussions- 5 hours

PBLs - 2 hours

Location of instruction: Daily lectures will take place in the Deichmann Building for Health Professions. Specific classroom numbers are indicated in the schedule.

Language of instruction: Lectures will be given in Hebrew.

Position: Obligatory module intended for 4rd year medical students, as part of their preclinical teaching.

Field of Education: Oncology.

Responsible department: Department of Oncology, Soroka University Medical Center.

General prerequisites: Students should complete successfully the following course: Clinical introduction to Oncology, 2nd year.

Lecturer: Prof. Samuel Ariad

Contact details:

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Confirmation: 2013 (academic year)

Last update: 10.2015

Course description: Medical oncology and radiation therapy.

Aims of the module: The goal of this module is to introduce and teach basic principles and practice in oncology.

Objectives of the module: Objectives are to enable students to have basic understanding of the most common types of cancer, and updated modes of therapy including chemotherapy, biotherapy, immunotherapy, and radiation-therapy.

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

1. Be familiar with the clinical manifestations, imaging findings, and therapeutic approaches of the following cancer types: a) breast cancer, b) colon cancer, c) lung cancer, d) gastric and esophageal cancers, e) renal cancer, f) prostate cancer.
2. Be familiar with the most common agents used in oncology, including agents used for chemotherapy, biotherapy, and immunotherapy, their therapeutic uses and spectrum of toxicity.
3. Be familiar with the basics of radiation physics and radiation-therapy.
4. Be able to analyze in the individual patient - tumor stage, specific clinicopathologic groups, and therapeutic approaches of the main cancer types.

Attendance regulation: Attendance in the oral lectures is not obligatory.

Teaching arrangement and method of instruction: Instruction in the module is based on frontal oral lectures, clinical discussions, and PBLs.

Assessment:

Students will be assessed in the module only by passing MCQ exam with a score of 65 or higher.

Work and assignments: Students are required to take an active part in the PBLs meetings.

Time required for individual work: in addition to attendance in class, the students are expected to do their assignment and individual work. Students are required to study and review the lectures at home. Roughly, 30 minutes per an hour lecture. PBL learning and preparation will take 4hr.

Module Content\ schedule and outlines: the content and structure of the module, including detailed subjects, and their order.

Required reading: Students are expected to read the lectures as presented as ppt presentations.

Additional literature: Bibliography of the module is based on Harrison's Principles of Internal Medicine 18th Edition, and corresponding topics.

*All learning material will be available to the students on the module's website (high-learn)/ library/ electronic documents available to BGU students

Module evaluation: at the end of the semester the students will evaluate the module, in order to draw conclusions.