[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Clinical Oncology

Study program:	**Medical Studies in English (R)** [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za onkologiju i radioterapiju]**
Course coordinator:	**doc. dr. sc. Trivanović Dragan, dr. med.**
Year of study:	**4**
ECTS:	**2**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

The course of Clinical Oncology is a mandatory course at the fourth year of Medical school, which consists of 15 lectures as well as 15 practical teachings, 30 in total (2.0 ECTS). Lectures will be held in a lecture hall at the Clinic in the Hospital of Rijeka,while the practical part will be demonstrated at the Department of Oncology and Radiotherapy, Hospital of Rijeka.

The aim of this course is to introduce the medical students to the basics of origin of malignant diseases, main factors that cause it, cures and treatment as well as side effects.Another aim of this course is to incorporate knowledge on how to care about a terminally ill patient, and basic palliative care. Introducing the students to the measures of preventive treatments.

Syllabus: Students are taught about the biology of tumor growth and risk factors that can lead to malignant diseases.We shall be discussing the most common tumors and we will talk about each one as well as the basic therapy for a specific tumor. We shall be looking into the cytostatic treatment, radiotherapy (radical and palliative), biological therapy and hormonal therapy.Side effects of both oncological therapy,chemotherapy as well as radiotherapy will be looked into. We will also talk about palliative care and things that are done regarding palliative care. Prevention programmes in Croatia are also on the agenda.

Expected learning outcomes:

- Explain the molecular genetic basis of cancer

- Explain the way the immune system recognizes and fight malignant cells

- Explain findings on metastasis and angiogenesis

- Indicate the incidence and mortality of cancer in the country and the world

- List the basic risk factors for cancer

- Explain ways to prevent disease

- List and explain the basic therapy metods in oncology : radiotherapy, chemotherapy , biological therapy, immunotherapy, hormone therapy, and less applayed forms of treatments

- List the incidence of the disease and factor of risks , therapy possibilities , prognostic parameteres, prevention methods

Lectures will consist of both, theoretical and practical classes. Estimated course duration is 4 weeks time. After taking the final exam the student will be awarded with 2.0 ECTS points.

List of assigned reading:

DeVita H. et al.: Principles and Practice of Oncology, 11th Edition, Lippincott, Williams & Wilkins, 2018

List of optional reading:

Curriculum:

Student obligations:

Students must attend lessons regularly and be actively involved in all the aspects of the course.During lessons and practical part, they must be ready at all times to answer questions. Therefore students must read designated texts before class and be prepared to participate in the lessons. The students must take two exames (2 half exames and the final exam).Students can be absent from the maximum of 30% of the classes, exclusively due to health reasons confirmed by a GP. Being present at classes is mandatory.The compensation of the lost classes is possible only with the agreement by the lecturer. In case the student is absent for more than 30% of the classes, it shall lose the privilege to attend further classes and to take the final exam. In accordance with that, the student has gained 0 ECTS points and is graded F.

Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

Grading criteria is carried out according to valid Regulations of studies University of Rijeka, and according to Regulations of grading students at the Faculty of Medicine in Rijeka (adopted by the Faculty committee of Medicine in Rijeka).

Final grade- written exam (max 50% of the final grade) + final oral exam (max of 50% of the final grade)

Written examination consists of 50 questions and can amount to max 50% of the final grade. Due to the results of the written part, the student qualifies to take the final oral exam. Students that get >25%, in the written part (25 or more correctly answered questions), get the right to take the final oral examination.

Final exam is oral and the student can get a maximum of 50% of the final grade, and depending on the satisfactory results of the exam it gets 25 or more percent according to the final grade .

I. 45-50% excellent (5)- (A)
II. 35-44 % very good (4)- (B)
III. 30-34% good (3)- (C)
IV. 25-29% sufficient (2)- (D)

Final grade: written examination + final oral exam

I. 90-100% 5 A Excellent
II. 75-89,9% 4 B Very good
III. 60-74,9% 3 C Good
IV. 50-59,9% 2 D Sufficient
V. 0-49,9% 1 F Insufficient

Other notes (related to the course) important for students:

Classes, as well as all the other information about the course, such as exam dates are to be found on line, Department of Oncology and Radiotherapy

COURSE HOURS 2022/2023

Clinical Oncology

List of lectures, seminars and practicals:

EXAM DATES (final exam):
