



## **COURSE DESCRIPTION AND STUDY REGULATIONS**

### **Course: CANCER AND BLOOD DISEASES – MODUL CANCER (ONCOLOGY)**

**Course type:** COMPULSORY

**ECTS credits:** 4

**Nominated teacher(s):** Prof. Primož Strojjan, MD, PhD

**Valid for academic year:** 2018/2019

**Associated/participating institutes involved in the course:** Chair of Oncology

**Date of issue:** October 15, 2018

#### **1. Course objectives**

Students will become familiar with the etiology, epidemiology, screening, diagnostics and treatment of cancer. They will be familiarized with general oncological principles, multidisciplinary approach, directed oncological history, determination of performance status, diagnostics and therapeutic modalities. Finally, they will be able to make diagnosis on the basis of clinical examination and results of diagnostic tests.

#### **2. Course description (in accordance with rules of assessment and examination\*)**

Student will get insight into the following topics: tumor biology (cancerogenesis, genetics, immunology), epidemiology (cancer epidemiology, risk factors, cancer registries), methods of screening and early diagnostics, general oncological principles (levels of oncological health care service, TNM classification system, multidisciplinary teams, approach to patient and ethics, statistical methods in oncology), oncological pathology and cytopathology, laboratory diagnostics (hematologic, biochemical, tumor markers, molecular diagnostics), diagnostic imaging in oncology (RTG, US, CT, MRI, PET), radiotherapy (teleradiotherapy, brachiradiotherapy, radiobiology, radiophysics), surgical oncology, systemic therapy, supportive and palliative treatment, clinical presentation of the most frequent cancers, urgent care in oncology and complications of cancer, pain management).

#### **3. Description of assessment of knowledge and skills during the course**

Not foreseen.

#### **4. Eligibility requirements for the examination (course exam)**

Students can approach to exam if she/he attended 80% or more lectures, 80% or more seminars and completed practical training (in expected extent).

#### **5. Final examination (Course exam): description of examination procedure**

Exam is in written form. It takes 100 minutes and includes 100 questions of multiple choice type. There is only one correct answers. Each correct answer brings 1 point. There are no negative points (in case of incorrect answers).

Positive mark means that a student collected 60 points or more:

- 60-67.99% = (6)
- 68-75.99% = (7)
- 76-83.88% = (8)
- 84-91.99% = (9)
- 92-100% = (10).

Exams (Institute of Oncology - lecture hall, at 8.00 a.m.):

- Monday, 6.5.2019
- Monday, 13.5.2019

#### **6. Additional provisions related to student assessment**

Final mark (subject Cancer & Blood diseases) is composed of two marks: module Cancer (80% of the final mark) and module Hematology (20% of the final mark).

#### **7. Other**

Recommended literature (available in the Library of the Institute of Oncology Ljubljana):

Manual of Clinical Oncology. 7th ed. Editor: Dennis A. Casciato. Philadelphia [etc.] : Wolters Kluwer/Lippincott Williams & Wilkins, 2012. 928 str. ; 21 cm (Lippincott manual)  
ISBN 978-1-4511-1560-4

\*Pravilnik o preverjanju in ocenjevanju znanja in veščin za enovita magistrska študijska programa Medicina in Dentalna medicina