



## Course Regime

Course: Pain Medicine  
Study Programme:  
Medicine

Year of the Course: 6

Semester:  
Winter

Course type:  
Compulsory

Number of ECTS credits: 3

Lecturer(s):  
Doc. dr. Maja Šoštarič  
Prof. dr. Maja Bresjanac  
Prof. dr. Mojca Kržan

Participating Organisational Units (Departments and Institutes):  
Department of Anaesthesiology and Reanimatology  
Institute for Pathophysiology  
Institute for Pharmacology and Experimental Toxicology

Parts (Modules) of the Course  
1: Overview of drugs with analgetic effect  
2: Postoperative pain  
3: Chronic pain  
4: Management obstetric pain

Date of Issue:  
15.9.2019

## **A. General part** (*applies to compulsory and elective courses*)

### **1. Course objectives**

Students gain holistic insights into pain management. They are acquainted with the mechanism of pathological pain, the pathophysiology of nociceptive and neuropathic pain. They gain knowledge of the pharmacology of analgetics and adjuvant medication. Anaesthesiologists present the clinical aspects of pain management and its prevention. They get acquainted with the work of the Department for acute postoperative pain, which operates in the UMCL. They learn how to prescribe opioid and non-opioid analgesics to relieve acute and chronic pain. They are acquainted with the possibility of relieving obstetric pain, the benefits of intravenous and regional analgesia, and the possible complications.

### **2. Comprehensive outline of the course organisation**

The lessons will be in the form of lectures and seminars. The seminars will be prepared by the students and presented to the whole group. One-day clinical practice will be held at the UMCL within the Acute Postoperative Pain Service and at Chronic Pain Management Clinic. Students are asked to be present at lectures and tutorials. They could be excused once from lectures in the case of justified absence.

The lectures will be held 5 times in the afternoon. One-day practical work at the Acute Pain Service and at the Chronic Pain Management Clinic will be organised in the morning. In case of excused absence, lectures and clinical practice will be conducted by appointment.

### **3. Description of on-going assessment of knowledge and skills**

On-going assessment is not provided during the course.

### **4. Required conditions for the final examination (Course Exam)**

The final examination will be in the form of seminars, which will be prepared by students in groups. The topic of the seminar will be proposed by mentor.

### **5. Final assessment and examination of knowledge and skills (Course Exam)**

The final examination will be in the form of seminars, which will be prepared by the group of students. The topic of the seminar will be proposed by mentor.

The assessment is group based. The written product submitted to the mentor, the presentation of the topic, and the discussion are evaluated. If the student wants to improve the grade, a written exam in the form of MCQ is organized. The exam consists of 20 questions. If the grade of written exam is better, then this is the final grade. Otherwise the final grade is average between written exam and seminar.

### **6. Other provisions**

No accessories are allowed or needed.

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### **7. Fundamental study material and Supplement reading**

Text book Vladimir Smrkolj Surgery

### **8. Exam topics, clinical presentations and skills**

Seminar on the topic suggested by the mentor.

### **9. Other information**

## **B. Elective Courses** (*considered as Elective Course Announcement*)

### **1. Participating main and guest lecturers**

Professors and assistants from: Department of Anaesthesiology and Reanimatology, Institute for Pathophysiology, Institute for Pharmacology and Experimental Toxicology

### **2. Estimated time period in the semester**

25.11.-29.11.2019

### **3. Maximum number of students for the elective course (if the number of students able to attend the course is limited)**

15

4. The course is conducted in the Slovenian language and is not intended for ERASMUS students.