



Course Regime

Course: Pain management

Study Programme:
Medicine

Year of the Course: 6

Semester:
Winter

Course type:
Elective

Number of ECTS credits: 3

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

Participating Organisational Units
Department of Anesthesiology and Reanimatology UL MF
Institute for pathophysiology UL MF
Institute for pharmacology and toxicology UL MF

Parts (Modules) of the Course
1: Pathophysiology of pain
2: Analgetics
3: Acute and chronic pain management
4: Analgesia in maternity

Date of Issue:
15th of September 2018

A. General part

1. Course objectives

Students get a holistic view of pain management. In the framework of the pathophysiological part of the lesson, students learn about pain mechanisms, the pathophysiological foundations of nociceptive and neuropathic pain, and receptors for pharmacological and other therapeutic approaches to relieve pain. At the end of the completion of the pathophysiological part of the lesson, the student knows and can explain the mechanisms of the formation and maintenance of pathological pain and the appropriate procedures for its relief.

Pharmacological approaches to pain management.

Students acquire knowledge about diagnosis of acute and chronic pain; methods and techniques of treatment. They learn about relieving birth pain.

2. Comprehensive outline of the course organisation

Lectures and practical work. Attendance at lectures 75% and on practical work 100%. In case of justified absence, substitution by appointment.

Practical work in UKC: Postoperative Pain Relief Service, Pain Relief Clinic.

Practical work in other hospitals: OI, SB Jesenice, NG, SG in pain treatment clinics.

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

There is no ongoing assessment of knowledge and skills.

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

75% attendance at lectures and 100% attendance at practical work.

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

For final examination of knowledge, the group presents seminars from the proposed topics. The assessment consists of the written part of the seminar and presentations and questions during the discussion. If a student wants to improve the grade, a written MCQ 20 exam is enrolled, it is written 1 hour, 60% for a positive assessment.

6. Other provisions

The seminar is intended as a PowerPoint presentation. Date for the presentation of the seminar paper and the submission of the seminar by agreement.

7. Fundamental study material and Supplement reading

PG Barash, BF Cullen, RK Stoelting. Clinical Anesthesia. Lippincott Williams&Wilkins 4th edit.

e učilnica

Bresjanac M. Bolečina. V: Ribarič S. Izbrana poglavja iz patološke fiziologije. MF UL, Ljubljana 2001

Melzack R., Wall P. The challenge of pain. Penguin Books, New York, 1996

Analgesic drugs v: Rang HP, Dale MM, Ritter JM, Flower R: Rang & Dale's Pharmacology, Churchill Livingstone 2007

Drug therapy of pain v: Page CP, Hoffman B, Curtis M, Walker M: Integrated Pharmacology, Mosby 2006

8. Exam topics, clinical presentations and skills

Titles of the seminar work: Post-operative pain management after lung surgery, Facial pain relief, Back pain

9. Other information

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

1. Participating main and guest lecturers

Prof. dr. Maja Bresjanac, prof. dr. Mojca Kržan, doc.dr. Maja Šoštarič, assistants of Department of Anaesthesiology and Reanimatology

2. Estimated time period in the semester

19th-23rd November 2018

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 not in English language.