



Course Regime

Course: Fractures and injuries in the hip region

Study Programme:

Medicine Dental Medicine

Year of the Course: 1 2 3 4 5 6

Semester:

Winter Summer

Course type:

Compulsory Elective

Number of ECTS credits: 6

Lecturer(s): Assist. MSc. Matevž Tomaževič, dr.med.

Participating Organisational Units (Departments and Institutes):
Department of Surgery, Clinical department of Traumatology

Parts (Modules) of the Course

- 1: Theoretical
- 2: Fracture understanding with the making of 3D fracture model
- 3: Practical exercises on 3D fracture model
- 4: Seminar

Date of Issue: 14.11.2018

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

1. Course objectives

During the course of subject the student will recognise the problem of injuries in the hip region. Biomechanics of healthy and uninjured hip will be introduced. Preoperative planning of injuries in the hip region and basics of the internal fixation will be taught.

2. Comprehensive outline of the course organisation

Course organisation will be taught on the basis of interactive exercises. After short introduction of anatomy and fracture fixation principles in the hip region, the anatomy and fracture will be taught on the 3D printed models of real injuries. Injuries of acetabulum or proximal femur will be taught. Every student will prepare and solve the problem of one fracture. On the basis of practical exercises and understanding of the fracture seminar will be written and presented.

Course will be run during one week time. If anyone will not be able to attend the exercises, it will be done during the following month. 1 month after the exercises the seminar must be written according to journal Medicinski razgledi regulations.

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

Assessment of knowledge will be after every day in reflexion discussion. Every day the task must be finished. At the end the grade will be given according to the seminar.

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

Exam of biophysics and anatomy

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

The grade will be given according to the seminar and during everyday reflexions.

6. Other provisions

All the literature is allowed. Seminar must be prepared according to medical journal Medicinski razgledi.

7. Fundamental study material and Supplement reading

Sobotta, Atlas of anatomy, Kapanji: Biomechanics of the joint, Smrkolj Surgery, Internet page: AO surgery reference

8. Exam topics, clinical presentations and skills

Injuries and fixation of acetabulum and proximal femur fractures.

9. Other information

Planning will be taught on 3D software, Fractures will be 3D printed

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

1. Participating main and guest lecturers

Assist. MSc. Matevž Tomaževič dr.med.

2. Estimated time period in the semester

March

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

10 students

4. Course will be held also in English in case Erasmus students will apply.