

Course description

General information about the course	
1. Major of study: medicine	2. Study level: unified MSc 3. Form of study: intramural
4. Year: VI	5. Semester: XI
6. Course name: Family Practice (orthopedics) – Family Practice Sub-I	
7. Course status: required	
8. Course contents and assigned learning outcomes Course content: <ol style="list-style-type: none"> 1. Surgical emergencies in orthopedics: <ul style="list-style-type: none"> • compartment syndrome • open fractures • gunshot wounds • musculoskeletal infections 2. Outpatient care for orthopedic disorders 3. Successful cooperation between a GP and an orthopedic surgeon 4. Imaging modalities in orthopedic surgery 5. The most common orthopedic misdiagnoses 6. Osteoarthritis (etiology, conservative treatment, indications for surgery) 7. The most common musculoskeletal injuries (etiology, mechanism, diagnosis, conservative treatment, indications for surgery) 8. The most common musculoskeletal disorders (etiology, pathogenesis, diagnosis, conservative treatment, indications for surgery) 9. The role of a GP in the follow-up after orthopedic surgery 10. First aid in injuries. Prehospital and in-patient BTLS and ATLS procedures management of life-threatening injuries (tension pneumothorax, cardiac tamponade, hypovolemic shock, pelvic fractures) 11. Rationale for conservative management of orthopedic disorders 12. Rationale for surgical treatment of orthopedic disorders 13. Indications, contraindications, risks and limitations of orthopedic surgery 14. Sports injuries 15. Back pain 16. Osteoporosis and fragility fractures <p>After the course the student should be able to:</p> <ul style="list-style-type: none"> • perform physical examination of a trauma patient • perform physical examination of a patient with musculoskeletal disorder • order diagnostic work-up • immobilize an injured limb in a splint • care for a patient with immobilized limb <p>After the course the student should know:</p> <ul style="list-style-type: none"> • mechanism and treatment of the most common musculoskeletal injuries • etiology and treatment of the most common musculoskeletal disorders • treatment for orthopedic emergencies • follow-up care after surgical treatment 	

Learning outcomes / reference to learning outcomes indicated in the standards

For knowledge – student knows and understands:

F.W1.; F.W3.; E.W7 pkt 7

For skills student can do:

F.U1.; F.U2.; F.U3.; F.U4.; F.U7; F.U8

For social competencies student is ready to:

- is able to initiate and maintain contact with a patient, tactfully and with dignity
- puts the good of the patient in the first place
- respects the medical confidentiality and patient rights

9. Number of hours for the course

40

10. Number of ECTS points for the course

3

11. Methods of verification and evaluation of learning outcomes

Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	test examination – single choice question (oral exam in select cases)	marks: < 60% - 2, 60 - <68% - 3,0; 68 - <78% - 3,5; 78 - <84% - 4,0; 84 - <94% - 4,5; 94 - 100% - 5
Skills	demonstration of physical examination and/or the required exercises, active participation in classes/labs	correct demonstration of the required skills, proper performance of the required exercises
Competencies	assessment of student's performance during classes / labs	the student follows the local rules and regulations, respects medical confidentiality, initiates and maintains a tactful contact with a patient

* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved