

# Course description

## Part 1

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	
<b>8. Course objectives</b> <ol style="list-style-type: none"><li>1. Surgical emergencies in orthopedics:<ul style="list-style-type: none"><li>• compartment syndrome</li><li>• open fractures</li><li>• gunshot wounds</li><li>• musculoskeletal infections</li></ul></li><li>2. Outpatient care for orthopedic disorders</li><li>3. Successful cooperation between a GP and an orthopedic surgeon</li><li>4. Imaging modalities in orthopedic surgery</li><li>5. The most common orthopedic misdiagnoses</li><li>6. Osteoarthritis (etiology, conservative treatment, indications for surgery)</li><li>7. The most common musculoskeletal injuries (etiology, mechanism, diagnosis, conservative treatment, indications for surgery)</li><li>8. The most common musculoskeletal disorders (etiology, pathogenesis, diagnosis, conservative treatment, indications for surgery)</li><li>9. The role of a GP in the follow-up after orthopedic surgery</li><li>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)</li><li>11. Rationale for conservative management of orthopedic disorders</li><li>12. Rationale for surgical treatment of orthopedic disorders</li><li>13. Indications, contraindications, risks and limitations of orthopedic surgery</li><li>14. Sports injuries</li><li>15. Back pain</li><li>16. Osteoporosis and fragility fractures</li></ol> <p>After the course the student should be able to:</p> <ul style="list-style-type: none"><li>• perform physical examination of a trauma patient</li><li>• perform physical examination of a patient with musculoskeletal disorder</li><li>• order diagnostic work-up</li><li>• immobilize an injured limb in a splint</li><li>• care for a patient with immobilized limb</li></ul> <p>After the course the student should know:</p> <ul style="list-style-type: none"><li>• mechanism and treatment of the most common musculoskeletal injuries</li><li>• etiology and treatment of the most common musculoskeletal disorders</li><li>• treatment for orthopedic emergencies</li><li>• follow-up care after surgical treatment</li></ul>	

**Learning outcomes / reference to learning outcomes indicated in** (underline as appropriate):  
education standards (Regulation of the Ministry of Science and Higher Education) / Resolution of the Senate of the Medical University of Silesia (indicate terms specified in education standards / signs of learning outcomes approved by the Resolution of the Senate of the Medical University of Silesia)

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:

- initiate and maintain contact with a patient, tactfully and with dignity
- put the good of the patient in the first place
- respect the medical confidentiality and patient rights

<b>9. Number of hours for the course</b>	<b>40</b>	<b>10. Number of ECTS points for the course</b>	<b>3</b>
<b>11. Form of evaluation:</b> grade credit			
<b>12. Methods of verification and evaluation of learning outcomes</b>			
Learning outcomes	Methods of verification	Methods of evaluation* / credit	
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	

\* For exams and grade credits 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