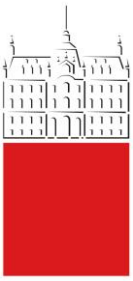
University
of Ljubljana

Faculty of
medicine



MUSCULOSKELETAL SYSTEM

LECTURE SYLLABUS, LITERATURE AND EXAMINATION INSTRUCTIONS FOR ERASMUS STUDENTS 2019/2020

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Coordinator of the subject "Musculoskeletal system"

October 2019

MUSCULOSKELETAL SYSTEM
AUTUMN 2019

	ORTHO	ORTHO	TRAUMA	PRM
1. WEEK				
11.11. M	Lectures Orthopaedics			
12.11. T	seminar 1	practice 2	seminar 3	practice 4
13.11. W	practice 1	seminar 2	-	practice 4
14.11. T	seminar 1	practice 2	-	practice 4
15.11. F	Lectures Traumatology			

2. WEEK

18.11. M	Lectures Orthopaedics			
19.11. T	practice 1	seminar 2	seminar 4	practice 3
20.11. W	seminar 1	practice 2	-	practice 3
21.11. T	practice 1	seminar 2	-	practice 3
22.11. F	Lectures Plastic Surgery			

ELECTIVE COURSES 25.11.-29.11.2019

3. WEEK

02.12. M	Lectures FRM			
03.12. T	practice 4	seminar 3	seminar 2	practice 1
04.12. W	seminar 4	practice 3	-	practice 1
05.12. T	practice 4	seminar 3 and 2 radiol. 11-13h		practice 1
06.12. F	Lectures Skeletal Radiology + Plastic Surgery			

4. WEEK

09.12. M	Lectures Traumatology			
10.12. T	seminar 3	practice 4	seminar 1	practice 2
11.12. W	practice 3	seminar 4	-	practice 2
12.12. T	seminar 3	seminar 4 and 1 radiol. 11-13h		practice 2
13.12. M				
18.12. W	WRITTEN EXAMINATION			
19.12. T	ORAL EXAMINATION according to schedule (Chair of Orthopaedics)			
20.12. F	ORAL EXAMINATION according to schedule (Chair of Orthopaedics)			

LECTURES - AUTUMN 2019

DATE: Monday, 11.11.2019, location Ortopedska klinika

Schedule	*Lecture title*	*Lecturer*
08.15-09.00	Treatment of orthopaedic diseases	Dolinar
09.15-10.00	Hip and pelvis	Dolinar
10.15-11.00	Knee and lower leg	Zupanc
11.15-12.00	Upper limb (shoulder, elbow, wrist)	Zupanc
11.15-12.00	Orthopaedic diseases by etiology	Stražar
12.15-13.00	Diseases of muscles, nerves and soft tissues	Stražar

DATE: Friday, 15.11.2019, location Stara travmatološka klinika

Schedule	*Lecture title*	*Lecturer*
08.15-09.00	Fractures – classification, diagnostics, therapy	Tomaževič
09.15-10.00	Pediatric fractures	Kastelec
10.15-11.00	Pathological fractures	Komadina
11.15-12.00	Osteitis	Gril
12.15-13.00	Soft-tissue injuries	Jug
13.15-14.00	Shoulder-girdle and upper arm injuries	Senekovič
14.15-15.00	Elbow and lower arm injuries	Kastelec

DATE: Monday, 18.11.2019, location Ortopedska klinika

Schedule	*Lecture title*	*Lecturer*
08.15-09.00	Introduction to Orthopaedics	Antolič
09.15-10.00	Diagnostics in Orthopaedics	Mavčič
10.15-11.00	Orthopaedic diseases by symptoms and signs	Mavčič
11.15-12.00	Spine	Vengust
12.15-13.00	Diseases of bone and joints	Drobnič
13.15-14.00	Foot and ankle	Drobnič

DATE: Friday, 22.11.2019, location Stara travmatološka klinika

Schedule	***Lecture title***	***Lecturer***
11.15-12.00	Congenital anomalies and complex hand reconstruction surgery	Pogorelec
12.15-13.00	Operative techniques of hand surgery	Ahčan
13.15-14.00	Hand injuries	Ahčan
14.15-15.00	Hand diseases	Rogelj
15.15-16.00	Surgical examination and anatomy of the hand	Arnež
16.15-17.00	Reconstruction of the upper limb	Ahčan/Lapoša

DATE: Monday, 02.12.2019, location URI Soča – Vrtnica, 4. floor

Schedule	***Lecture title***	***Lecturer***
08.30-09.15	Principles of physical rehabilitation medicine	Moharić
09.15-10.00	Assessment by International Classification of Functioning, Disability and Health	Burger
10.15-11.00	Physical medicine	Moharić
11.00-11.45	Rehabilitation of patients with CNS injuries	Goljar
12.00-12.45	Rehabilitation of patients with musculoskeletal injuries and peripheral nerve injuries	Novak

DATE: Friday, 06.12.2019, location Ortopedska klinika

Schedule	***Lecture title***	***Lecturer***
07.30-08.15	Noninfective arthritis	Vogel
08.30-09.15	Degenerative changes	Limpel Novak
09.15-10.00	Bone tumors	Salapura
10.15-11.00	Bone scan - scintygraphy	Grmek

DATE: Friday, 06.12.2019, location Stara travmatološka klinika

Schedule	***Lecture title***	***Lecturer***
12.15-13.00	Reconstruction of the lower limb	Stritar
13.15-14.00	Surgery of peripheral nerves	Ahčan/Lapoša
14.15-15.00	Brachial plexus surgery	Rogelj
15.15-16.00	Surgical treatment of the facial nerve injury	Živec/Arnež

DATE: Friday, 09.12.2019, location Stara travmatološka klinika

Schedule	***Lecture title***	***Lecturer***
08.15-09.00	Wrist and hand injuries	Havliček
09.15-10.00	Spinal injuries	Simon Herman
10.15-11.00	Pelvic injuries	Cimerman
11.15-12.00	Hip and femoral injuries	Smrke
12.15-13.00	Knee injuries	Tomaž Malovrh
13.15-14.00	Foot and ankle injuries	Frangež
14.15-15.00	Polytrauma	Kristan

EXAMINATION - MUSCULOSKELETAL SYSTEM in the study year 2019/2020

PRACTICAL PART: Exercise log for each participating student shall determine the practical skills that students must master. A test of skills (and maybe patient examination) can take place during the exercises and be confirmed by mentor's signature. Collected signatures of 10 days participation at Musculoskeletal System practice (6 days Orthopaedics, 3 days PRM, 1 day Trauma) are the prerequisite for taking the examination.

WRITTEN EXAMINATION: Written exam is conducted on Wednesday, one week after the completion of the course. Written examination contributes 80 points (out of 100) to the grade and comprises of: multiple choice test (50 points = 25 questions physical medicine and rehabilitation, 20 questions traumatology, 5 questions musculoskeletal radiology) and 3 essay questions on orthopedics (30 points). The prerequisite for a positive grade and the oral exam is to achieve at least 15 points in the field of orthopedics, at least 13 points PRM, at least 11 points in traumatology and at least 3 points in skeletal radiology.

ORAL EXAMINATION: Oral examination takes place the next day after the written examination at the Chair of Orthopaedics as scheduled. Oral examination is conducted by theexaminers of the Chair of Orthopedics and contributes 20 points to the evaluation grade. At the end of the exam the student obtains the grade of Musculoskeletal System based on the number of points achieved:

Number of points achieved	Grade
92-100	Excellent 10
84-91	Very Good 9
76-83	Very Good 8
68-75	Good 7
60-67	Satisfactory 6
0-59	Insufficient 5

REPEATING EXAMINATION / GRADE IMPROVEMENT: Repeating examination or grade improvement can only be carried out after prior application for another examination date according to the regulations of the Faculty of Medicine. The examination may be repeated only in whole (written and oral), points scored with previous tests cannot be reused.

LITERATURE - TEXTBOOKS

1. Hamblen DL, Simpson H: Adams's Outline of Orthopaedics 14th ed. Churchill Livingstone 2010.

2. Skinner HB: Current Diagnosis & Treatment in Orthopedics. Appleton & Lange 2013.

3. Staheli LT: Fundamentals of Pediatric Orthopedics. Lippincott-Raven 2008.

4. Andrew JG, Herrick AL, Marsh DR: Musculoskeletal Medicine and Surgery. Churchill Livingstone 2000.

5. McRae, Robert, Esser Max. Practical Fracture Treatment. ChurchLiv 2008 Section A: 1-5; Section B: 6-15

6. White Book on Physical and Rehabilitation Medicine in Europe. Journal of Rehabilitation Medicine, 2007, Supplement No. 45

7. International Classification of Functioning, Disability and Health. WHO Geneva 2001.

8. Ceravolo MG, Christodulou N. Physical and rehabilitation medicine for medical students. Edi.Ermes, Milano 2018 (available at the digital learning room of the Faculty of Medicine).

9. Michael P. Barnes, Anthony B. Ward. Oxford Handbook of Rehabilitation Medicine 2005. Oxford University Press.

10. Stam HJ, Buyruk HM et al. Acute Medical Rehabilitation Vol 1 Textbook. VitalMed Medical Book Publishing 2012.

MUSCULOSKELETAL SYSTEM
EXAMINATION DATES

18.12.2019 WRITTEN EXAMINATION (60 students)

19.12.2019 and 20.12.2019 ORAL EXAMINATION .

10.02.2020 WRITTEN EXAMINATION (30 students)

11.02.2020 and 12.02.2019 ORAL EXAMINATION .