



Course Regime

Course: Anatomy 2

Study Programme:
Medicine

Year of the Course: 2

Semester:
Winter

Course type:
Compulsory

Number of ECTS credits: 5

Lecturer(s): Erika Cvetko, Marija Meznarič

Participating Organisational Units (Departments and Institutes):

Date of Issue:
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A. General part (*applies to compulsory and elective courses*)

1. Course objectives

The students learn about systemic, topographic and clinical applicative anatomy of the head and neck, central nervous system and senses. The acquired knowledge about normal anatomy will allow the students to understand how human body functions, and be the basis for identifying pathological changes.

2. Comprehensive outline of the course organization

The course comprises lectures, seminars and practical classes, scheduled through the fall semesters. In the fall semester: 2 hour of lectures, 1 hour of seminar and 4 hours of practical classes per week. Students must prepare for practical classes, i.e. learn the theoretical basis of the relevant topics. We advise to use "Navodila za vaje za predmet Anatomija 2" that is also accessible online (e-classroom). Students must wear a protective face mask, protective coat and protective gloves, and bring anatomic tweezers and relevant literature, as well as scalpel to anatomical dissection classes. Attendance at classes is mandatory. Student who missed class more than 3 times must defend the missed topic in agreement with class instructor. Student may defend the missed topic not later than one week before the exam. Missed videoconference class or seminar can only be taken in the planned week of the videoconference class or seminar.

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

Before the practical class starts and during the class, the instructor shall test students' preparedness for the class (their theoretical knowledge on the relevant topic) through discussions. Attendance, preparedness for the class, and engagement during the class are preconditions for passing the class. Students failing to meet the target shall not pass the class and will have to take the test as specified under item 2.

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

Students may only take the final course exam if they have successfully completed the practical classes.

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

The final course examination comprises a written exam (essay type questions), and an oral exam. A passing grade for the written exam (at least 60%) is a precondition for taking the oral exam. Oral exam includes recognizing structures on anatomical specimens or images.

6. Other provisions

These provisions are compliant with the Article 34 of the Rules on Examinations and Grading of Knowledge and Skills for Uniform Second Level Master's Programs Medicine and Dental Medicine. Students may only use a pen during the written exam. Examination is based in the Catalogue of Exam Topics, and Clinical Pictures and Skills.

The list of course literature is listed below and published on the website of the Institute of Anatomy and in the e-classroom.

7. Fundamental study material and Supplement reading

Kobe V in sod. Anatomija 1, skripta za študente medicine, Medicinska fakulteta, Ljubljana, 1988 (vse izdaje)

Širca A. Anatomija 2, skripta za študente medicine. Živčevje in čutila. Medicinska fakulteta, 2019 ali 2020, 7. predelana in dopolnjena izdaja.

Kobe V in sod. Anatomija 3, skripta za študente medicine. Obtočila in žleze z notranjim izločanjem. Medicinska fakulteta, 2019 ali 2020, 5. predelana in dopolnjena izdaja.

Kobe V in sod. Anatomija 4, skripta za študente medicine. Notranji organi in koža. Medicinska fakulteta, 2019 ali 2020, 7. izdaja.

Cvetko E, Meznarič M: Navodila za vaje za predmet Anatomija 2. Medicinska fakulteta Ljubljana, Ljubljana 2013.

E-classroom material

Anatomical nomenclature

Slovenski medicinski slovar: <https://www.termania.net/slovarji/95/slovenski-medicinski-slovar>

Terminologia Anatomica: <http://terminologia-anatomica.org/en/Terms> ali

<https://www.unifr.ch/ifaa/Public/EntryPage/TA98%20Tree/Alpha/All%20KWIC%20W%20LA.htm>

Anatomical atlases

Bertolini-Leutert: Anatomski atlas I-III, Slovenska izdaja. DZS Ljubljana

Cvetko E, Meznarič-Petruša M: Anatomski atlas. Prerezi glave in vratu. Medicinska fakulteta Ljubljana, Ljubljana 2003.

Feneis H: Pocket Atlas of Human Anatomy

Gilroy AM et al.: Atlas of Anatomy. New York: Thieme

Gosling et al.: Human anatomy. Colour atlas and textbook. Student consult. Edinburgh: Elsevier

Kiss F, Szentágothai J: Atlas of Human Anatomy, Volumes 1-3, Springer Netherlands

Leonhardt H: Color Atlas and Textbook of Human Anatomy

McMinn RMH et al.: Barvni atlas anatomije človeka. Slovenska izdaja. EWO Ljubljana

Netter FH: Atlas anatomije človeka. Slovenska izdaja, Data Status, Beograd

Paulsen et al.: Sobotta Atlas of Human Anatomy, Volumes 1-3, Elsevier, Munchen

Toldt-Hochstetter: Anatomischer Atlas, Urban Schwarzenberg, Munchen-Berlin

Köpf-Maier, P: Wolf-Heidegger's Atlas of Human Anatomy. Karger, Basel

Schuenke M et al.: Thieme Atlas of Anatomy. Thieme, Stuttgart-New York

Supplement reading

Gray's Anatomy, Churchill-Livingstone

Moore KL: Clinically Oriented Anatomy. Williams and Wilkins, Baltimore

8. Exam topics, clinical presentations and skills

Exam topics

| LECTURES | References |
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| 1. Uvod v anatomijo glave in vratu | Kobe V in sod. Anatomija 1 |
| 2. Lobanjska baza | Kobe V in sod. Anatomija 1 |
| 3. Nosna votlina | Kobe V in sod. Anatomija 1, 4 |
| 4. Žrelo | Kobe V in sod. Anatomija 4 |
| 5. Goltna ožina in mehko nebo | Kobe V in sod. Anatomija 4 |
| 6. Grlo | Kobe V in sod. Anatomija 4 |
| 7. Žilje in bezgavke glave in vratu | Kobe V in sod. Anatomija 3 |
| 8. Vegetativno živčevje in parasimpatični gangliji | Širca A. Anatomija 2 |
| 9. Možgansko deblo in možganski živci | Širca A. Anatomija 2 |
| 10. N. Intermediofacialis | Širca A. Anatomija 2 |
| 11. Trigonum colli laterale, trigonum caroticum | Kobe V in sod. Anatomija 1, 3, 4 Širca A. Anatomija 2 |
| 12. Trigonum submandibulare in ustno dno | Kobe V in sod. Anatomija 1, 3, 4 Širca A. Anatomija 2 |
| 13. Infratemporalna kotanja | Kobe V in sod. Anatomija 1, 3, 4 Širca A. Anatomija 2 |
| 14. Retromandibularna kotanja | Kobe V in sod. Anatomija 1, 3, 4 Širca A. Anatomija 2 |
| 15. Principi organizacije centralnega živčnega sistema | Širca A. Anatomija 2 |
| 16. Proge splošne somatske senzibilitete | Širca A. Anatomija 2 |
| 17. Piramidna proga, motorične proge možganskega debla | Širca A. Anatomija 2 |
| 18. Bazalni gangliji in mali možgani | Širca A. Anatomija 2 |
| 19. Meninge in žilje | Širca A. Anatomija 2 Kobe V in sod. Anatomija 3 |
| 20. Hrbtenjača | Širca A. Anatomija 2 |
| 21. Vidni sistem | Širca A. Anatomija 2 |
| 22. Slušni sistem | Širca A. Anatomija 2 |

| SEMINARS AND PRACTICAL CLASSES | |
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| 1. Os frontale, parietale, occipitale | Kobe V in sod. Anatomija 1 |
| 2. Os ethmoidale, sphenoidale, temporale | Kobe V in sod. Anatomija 1 |
| 3. Maxilla, mandibula, os nasale, lacrimale, palatinum, hyoideum, concha nasalis inferior, vomer, os zygomaticum | Kobe V in sod. Anatomija 1 |
| 4. Orbita, fossa temporalis, infratemporalis, pterygopalatina | Kobe V in sod. Anatomija 1 |
| 5. Sklepi glave, mečave, mimične mišice | Kobe V in sod. Anatomija 1 |
| 6. Mišice vratu in zatilja | Kobe V in sod. Anatomija 1 |

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| 7. Ustna votlina, mehko nebo, žleze slinavke, žvečne mišice | Kobe V in sod. Anatomija 4 |
| 8. Zrelo | Kobe V in sod. Anatomija 4 |
| 9. Nosna votlina, obnosne votline (os ethmoidale, maxilla) | Kobe V in sod. Anatomija 1, 4 |
| 10. Grlo, sapnik, ščitnica | Kobe V in sod. Anatomija 3, 4 |
| 11. Arterije, vene, bezgavke glave in vratu | Kobe V in sod. Anatomija 3 |
| 12. Možganski živci VII, IX, X, XI, XII | Širca A. Anatomija 2 |
| 13. N. trigeminus, parasimpatični gangliji | Širca A. Anatomija 2 |
| 14. Topografske regije glave in vratu ter prerezi | Kobe V in sod. Anatomija 1, 3, 4 Širca A. Anatomija 2 |
| 15. Hrbtenjača, spinalni živci, simpatični živci | Širca A. Anatomija 2 |
| 16. Možgansko deblo, mali možgani, IV. prekat | Širca A. Anatomija 2 |
| 17. Veliki možgani, skorja, rhinencephalon | Širca A. Anatomija 2 |
| 18. Veliki možgani, jedra, bela substanca | Širca A. Anatomija 2 |
| 19. Možganski prekati, možganski prerezi | Širca A. Anatomija 2 |
| 20. Možganske arterije, vene, venski sinusi, meninge | Širca A. Anatomija 2 |
| 21. Oko, očnica | Kobe V in sod. Anatomija 1 Širca A. Anatomija 2 |
| 22. Uho, senčnica | Kobe V in sod. Anatomija 1 Širca A. Anatomija 2 |