

Study program: Integrated Academic Studies in Dental Medicine
Course title: Dental Anatomy
Teacher: Dubravka M. Marković, Bojana R. Milekić, Aleksandra Z. Maletin, Milica S. Jeremić Knežević, Daniela J. Đurović Koprivica, Branislava S. Petronijević Šarčev
Course status: compulsory
ECTS Credits: 4
Condition: Anatomy
Course aim Getting acquainted with the morphology of orofacial complex
Expected outcome of the course: Acquiring knowledge about morphology of skeleton orofacial complex, muscles of this region, teeth lines and morphology of permanent teeth. Drawing and paraffin molding of morphological models of permanent dentition teeth
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Introduction into morphology. Stomatognathic system. General knowledge about teeth. Definition, classification and function of teeth. Dental formula. Periods of dentition. Chronology of teeth growth. Marking of teeth. Dental nomenclature. Topographic-anatomic marks on teeth. General oral and dental anatomy. Anatomic parts and structure of teeth. 2. Nodule-ridge complex and complex of depressions on occlusal tooth surfaces. 3. Class of permanent incisors. Features of the class of incisors. Attributes of the class of upper incisors. Variations of upper incisors. Attributes of the class of lower incisors. Variations of lower incisors. Attributes of dental arch of incisors. 4. Class of permanent canines. Attributes of the class of canines. Attributes of upper canines. Variations of upper canines. Attributes of lower canines. Variations of lower canines. Attributes of dental arch of canines. 5. Class of premolars. Attributes of premolars. Attributes of lower premolars. Attributes of dental arch of premolars. 6. Class of permanent molars. Attributes of molars. Attributes of upper molars. Variations of upper molars. Attributes of lower molars. Variations of lower molars. Attributes of dental arch of molars. 7. Primary dentition. Attributes of humane dentition. Attributes of class, type and dental arch of milk incisors, canine and molars. 8. Anatomy of oral cavity. Supporting tissues of teeth. Odontogenesis. Growth and development of teeth. Occlusal adaptation phase. Characteristic of human dentition. Physiological involution of orofacial system. 9. Organization of teeth. Shape and position of teeth. Shapes of the surface of teeth, shape and number of root branches, position of teeth in dental arch. Organization of dental arches. Contact between teeth. Height of teeth. 10. Definition, classification and role of nodule of teeth. External and internal curve of nodules, line of central fossa. Occlusal and orientational occlusal plane. Occlusal curves. Buccolingual transverse. Relations between dental arches. Occlusion of teeth. Occlusal units. Position of maximal intercuspation. Occlusal contacts in intercuspation position. 11. Comparative dental anatomy. Lobuses. Phylogenesis dentoosseal connection. Changing teeth. Theories on teeth genesis and shapes. <i>Practical education</i> <ol style="list-style-type: none"> 1. Class of permanent incisors. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax. 2. Class of permanent incisors. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax. 3. Class of permanent canine. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax. 4. Class of permanent canine. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of crown of teeth in wax. 5. Class of premolars. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax. 6. Class of premolars. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax.

7. Class of premolars. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax.
8. Class of permanent molars Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax. .
9. Class of permanent molars. Introductory lesson: Demonstration of modelling of the teeth crown in wax. Students' exercise: Modelling of tooth crown in wax.
10. Class of permanent molars. Introductory lesson: Demonstration of modeling of the teeth crown in wax. Students' exercise: Modeling of tooth crown in wax. .
11. Class of milk canines. Introductory lesson: Demonstration of modeling of the teeth crown in wax. Students' exercise: Modeling of tooth crown in wax
12. Class of milk molars. Introductory lesson: Demonstration of modeling of the teeth crown in wax. Students' exercise: Modeling of tooth crown in wax
13. Class of milk molars. Introductory lesson: Demonstration of modeling of the teeth crown in wax. Students' exercise Modeling of tooth crown in wax
14. Introductory lesson: Anatomy of teeth cavity-demonstrative lesson.
15. Test.

Literature

Compulsory

1. Scheid RC. Woelfel's Dental Anatomy. Wolters Kluwer, 2006.

Number of active classes

Theoretical: 15

Practice: 30

Teaching methods

Theoretical and practical

Student activity assessment (maximally 100 points)

Pre-exam activities	Points	Final exam	points
Lectures	10	Written	10
Practices	10	Oral	60
Colloquium	10	
Essay			