

Study program : DENTISTRY
Type and level of studies: Integrated academic studies, Level 1/2
Course unit: DENTAL ANATOMY
Teacher in charge : Associate Professor Ivana Živanović-Mačužić MD, DSc, MSc
Language of instruction : ENGLISH
ECTS: 4
Prerequisites:
Semester: WINTER SEMESTER
Course unit objective: Acquiring knowledge and skills in dental anatomy.
<p>Learning outcomes of Course unit:</p> <p>After successfully completing the course, students will be able to:</p> <ul style="list-style-type: none"> - Identify and describe the normal anatomical structures of the skull and oral cavity - Successfully communicate using appropriate dental terminology. - Demonstrate sufficient knowledge about nomenclature, dental formulae, eruption sequence of both the primary and permanent dentitions. - Describe the morphological characteristics and structure of human teeth and their surrounding tissues. - Describe anatomic landmarks of tooth surface, divisions (thirds) of crown and root, angles of the crown and the measurements of teeth - Describe the detailed morphology of the primary and permanent dentitions - Describe the common characteristics of the each class of the teeth (class traits) and the differences among them (type traits) - Describe the differences between the maxillary and mandibular teeth of the same class (arch traits) - Describe the morphological characteristics of the root structure for each of the primary and permanent teeth - Describe the variations of the each class of the teeth
<p>Course unit contents</p> <p><i>Theoretical classes</i></p> <p>Anatomy of the skull and oral cavity. Classification and the function of the teeth. Dental formulae and stages in dentition in humans. Basic terminology in dental anatomy. Nomenclature of the teeth. Anatomical parts and structure of the tooth. Periodontium. Detailed description of maxillary and mandibular permanent incisors from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular permanent canines from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular premolars from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular permanent molars from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of primary dentition.</p> <p><i>Practical classes</i></p> <p>Anatomy of the skull and oral cavity. Classification and the function of the teeth. Dental formulae and stages in dentition in humans. Basic terminology in dental anatomy. Nomenclature of the teeth. Anatomical parts and structure of the tooth. Periodontium. Detailed description of maxillary and mandibular permanent incisors from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular permanent canines from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular premolars from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of maxillary and mandibular permanent molars from all aspects, with description of the common characteristics and the differences among them (class, type, arch traits) and variations. Detailed description of primary dentition.</p> <p>The laboratory component of the course generally parallels and reinforces lecture concepts through the use of models and skeletal materials.</p>

Literature

- Nelson, Stanley J. Wheeler's dental anatomy, physiology, and occlusion. 9^h edition. Elsevier, 2010

Number of active teaching hours				Other classes
Lectures: 30	Practice: 30	Other forms of classes:	Independent work: 150	
Teaching methods: Lectures, practice in a clinic, clinical problems solving				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	30	oral examination		
practical classes/tests		written examination	70	
Seminars/homework				
Project				
Other				
Grading system				
Grade	No. of points	Description		
10	91-100	Excellent		
9	81-90	Exceptionally good		
8	71-80	Very good		
7	61-70	Good		
6	51-60	Passing		
5	< 51	Failing		