

	Lecture Title	Date	Time* Preclinical practicum	Lecturer
1.	Introductory lecture (terminology, structure of masticatory system, teeth and their functional significance)	03.3.2021.	11.15-12.00	<i>Prof. Alajbeg</i>
2.	Masticatory muscles and regulation of muscle activity (neuromuscular function, receptors, influence from higher centers)	10.03.2021.	11.15-12.00	Assoc. prof. <i>Pelivan</i>
3.	Temporomandibular joint – anatomical structures and types of movements in the joint	17.3.2021.	11.15-12.00	Prof. Sonja Kraljević Šimunković
4.	Morphological characteristics of natural teeth, alignment of teeth (intraarch tooth alignment, interarch tooth alignment, occlusal plane)	24.3.2021.	11.15-12.00	Assist prof. <i>Žagar</i>
5.	Mandibular reference positions: rest position, centric relation, maximum intercuspal position (ICP) (relationship of the teeth in ICP - the areas of occlusal contacts)	31.3.2021.	11.15-12.00	<i>Prof. Knezović Zlatarić</i>
6.	Dental articulator – principles and types (basics)	7.4.2021.	11.15-12.00	Assoc. prof. <i>Čelić</i>
7.	Biomechanics of the masticatory system	14.4.2021.	11.15-12.00	<i>Prof. Alajbeg</i>
8.	Movements of the lower jaw (classification of movements, movements in specific plane: sagittal. horizontal and lateral plane)	21.4.2021.	11.15-12.00	Prof. <i>Dulčić</i>
9.	Effects of anatomic determinants of occlusion (anterior controlling factors)	28.04.2021.	11.15-12.00	<i>Prof. Alajbeg</i>
10.	Effects of anatomic determinants of occlusion (posterior controlling factors: condylar guidance, Bennett angle)	5.5.2021.	11.15-12.00	Assist prof. <i>Illeš</i>
11.	Registration of the lower jaw movements	12.5.2021.	11.15-12.00	Assist prof. <i>Čimić</i>
12.	The mechanical aspect of mastication, swallowing (deglutition), speech	19.5.2021.	11.15-12.00	Assoc. prof. <i>Petričević</i>

13.	Examination of occlusion (identifying initial centric relation contact, intercuspal position, eccentric occlusal contacts) - Criteria for optimal occlusion	26.5.2021.	11.15-12.00	Assoc. prof. <i>Pelivan</i>
14.	Digital design	02.6.2021.	11.15-12.00	Assist prof. <i>Illeš</i>
15.	Occlusal wear -Understand the causes and consequences of tooth wear in context with occlusion	09.6.2021.	11.15-12.00	<i>Prof. Alajbeg</i>

** Preclinical practicum (Wednesday 11.15-12.00)

	Practicals - Preclinical practicum	Date	Time	Lecturer
1.	1 st practical Introduction to occlusion (introductory practical -making a wax box)	03.3.2021.	12.00-13.30 group A 13.30-15.00 group B	<i>Prof. Alajbeg</i> <i>Prof. Alajbeg</i>
2.	2 nd practical Masticatory muscles –role and function (muscle palpation, recognition of particular muscles and their action)	10.03.2021.	12.00-13.30 group A 13.30-15.00 group B	Assoc. prof. <i>Pelivan</i> <i>Ema Vrbanović, DMD</i>
3.	3 rd practical Temporomandibular joint (TMJ) – anatomy and types of movement inside the TMJ (palpation of TMJ, recognition of joint components)	17.3.2021.	12.00-13.30 group A 13.30-15.00 group B	Assist prof. <i>Čimić</i> Assist prof. <i>Čimić</i>
4.	4 th practical Teeth – alignment (within the dental arches and between the dental arches), types of cusps, Angle classification (tooth labeling, centric and non-centric cusps marking)	24.3.2021.	12.00-13.30 group A 13.30-15.00 group B	Assist prof. <i>Illeš</i> <i>Ema Vrbanović, DMD</i>
5.	5 th practical Teeth contact in maximum intercuspal position (ICP); anterior teeth relation in ICP (vertical and horizontal overlap); posterior teeth relation in ICP (teeth contacts in interarch relationship of Class I occlusion: tip of the cusp – fissure)	31.3.2021.	12.00-13.30 group A 13.30-15.00 group B	<i>Prof. Alajbeg</i> <i>Prof. Alajbeg</i>
6.	6 th practical Getting to understand articulators (different types and parts of articulators) (mounting upper casts in articulator)	7.4.2021.	12.00-13.30 group A 13.30-15.00 group B	<i>Ema Vrbanović, DMD</i> <i>Ema Vrbanović, DMD</i>
7.	7 th practical Mounting lower casts in articulator	14.4.2021.	12.00-13.30 group A 13.30-15.00 group B	<i>Ema Vrbanović, DMD</i> <i>Ema Vrbanović, DMD</i>
8.	8 th practical Planes and movements in the planes (evaluation of movements in the articulator, mapping of occlusal contacts on the casts in the articulator) TEST	21.4.2021.	12.00-13.30 group B 13.30-15.00 group A	Prof. <i>Dulčić</i> <i>Prof. Alajbeg</i>

9.	9 th practical Analysis of occlusion during specific movements of the mandible, teeth contacts during jaw movements (analysis of tooth contacts in maximum intercuspation and during movements)	28.04.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Prof. Alajbeg</i> <i>Prof. Alajbeg</i>
10.	10 th practical Diagnostic wax up (posterior teeth preparation for waxing, cast drawing) Buccal and lingual cones construction - (application of wax for centric and non-centric cusps. checking the height and position of the cusps tips in the articulator (white))	5.5.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Emo Vrbanođić, DMD</i> <i>Ines Kovađić, DMD</i>
11.	11 th practical Construction of mesial and distal cusp ridges and marginal ridges (application of wax to marginal contact areas and modeling of mesial and distal slopes (blue))	12.5.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Emo Vrbanođić, DMD</i> <i>Assist prof. Sanja Peršić Kiršić</i>
12.	12 th practical Construction of buccal, lingual and triangular ridges (application of wax for modeling of buccal, lingual and triangular ridges (red and green)) Analysis of the occlusion using articulating foils	19.5.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Emo Vrbanođić, DMD</i> <i>Assist prof. Sanja Peršić Kiršić</i>
13.	13 th practical Analysis of the occlusion using articulating foils (occlusal contacts adjustment using articulating foils TEST)	26.5.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Prof. Alajbeg</i> <i>Prof. Alajbeg</i>
14.	14 th practical Digital design, scanning models of two adjacent teeth and printing of model with reconstructed occlusal surfaces	02.6.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Assist prof. Illeš</i> <i>Emo Vrbanođić, DMD</i>
15.	15 th practical Final practical – repetition of terminology, removal of the casts from the articulators	09.6.2021.	12.00-13.30 group B 13.30-15.00 group A	<i>Prof. Alajbeg</i> <i>Prof. Alajbeg</i>