SYLABUS

Subject:	***Ortodontics 1***		
Study programme:	*Dental Medicine*	**Semester:**	*9. semester*
Valuation:	*Absolved*	**Obligation:**	*obligatory*
Number of hours:	*2 hours lectures+4 hours practicals/7weeks*		*42 hours*

Place: Department of Stomatology and Maxillofacial Surgery
1 st Department of Stomatology
Department of Stomatology and Maxillofacial Surgery and Specialized Hospital for Head and Neck Diseases, Academy of Košice, n.o

Lectures: Lecture room PM

Week	***Lectures***	***Practicals***
1.	Definition of Orthodontics. Regular dentition. Dysgnathion. Anomalies of individual teeth. **23.11.2026 08:00-09:30 PM** **MDDr. Eleonóra Ivančová, PhD., MHA.**	Definition of orthodontics. Anomalies of individual teeth. Anomalies of jaw. Anomalies of dental arches.
2.	Orthodontic patient examination. Orthodontic patient documentation. **26.11.2026 12:30-14:00 PM** **MDDr. Eleonóra Ivančová, PhD., MHA.**	Examination methods and documentation in orthodontics. Analysis of teeth on models and recording of orthodontic diagnosis.
3.	Cephalometric X-ray, Evaluation of cephalometric images. Skeletal diagnostics. **27.11.2026 09:45-11:15 PM** **MUDr. Jana Surovková**	Tying ligatures and wire arches to typodont. Test
4.	Prenatal development. Growth changes in maxilla and mandible. Skeletal age. **30.11.2026 14:15-15:45 PM** **MUDr. Janka Jenčová, PhD.**	Cephalometric X-ray analysis – Dental and skeletal dimensions.

5.	Replacement of the teeth I. Period of replacement. II. Period of replacement. Permanent dentition – characteristics. **02.12.2026 08:00-09:30 PM** **MDDr. Juraj Bánovčin, PhD .**	Making the dental casts in orthodontics. Cast analysis. Test
6.	Classification of disgnathia. Angle classification. Biogenetic classification. **02.12.2026 14:15-15:45 PM** **MDDr. Juraj Bánovčin, PhD .**	Skeletal and dental age. Growth rotations and their significance for the orthodontic treatment plan.
7.	The importance and goals of orthodontic treatment. **04.12.2026 09:45-11:15 PM** **MDDr. Gabriela Verbová, PhD.** **FINAL TEST FROM LECTURES**	Suitable age for orthodontic treatment.

Specific conditions for passing the subject:
Passing 100% participation in practical exercises and lectures.
Continuous monitoring with a record of the evaluation of a clinical teaching
Final testfor lectures with minimal knowledge assessment at the level of 60%
Final test with minimal knowledge assessment at the level of 60% in the corresponding semester.

List of performances during clinical practice:
Diagnosing patients with orthodontic anomalies 7
Orthodontic model analysis 5
Orthodontic analysis of cephalometric RTG images 5
Admission orthodontic examination 5
Alginate impressions 3

Recommended literature:

Whaites, E.: Essentials of dental radiography and radiology, 1998, ISBN 9780702045998
Graber, M.: Orthodontics, 2005, ISBN-10:0323026214