

## SYLABUS

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<b>Subject:</b>	<i>Orthodontics 2</i>		
<b>Study programme:</b>	<i>Dental Medicine</i>	<b>Semester:</b>	<i>10. semester</i>
<b>Valuation:</b>	<i>absolved</i>	<b>Obligation:</b>	<i>obligatory</i>
<b>Number of hours:</b>	1 h. lectures and 3 h. practicals / week		<i>56 hours</i>

**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**

<b>Week</b>	<b>Lectures</b>	<b>Practice</b>
1.	<p>General principles of orthodontic treatment.</p> <p>Procedure for set up an orthodontic treatment plan.</p> <p>Indications for orthodontic extractions.</p> <p>Serial extractions.</p> <p><b>05.02.2026 13:45-15:15 PM</b></p> <p><b>MUDr. Janka Dobiášová Jenčová, PhD.</b></p>	Overlay of cephalometric images, growth analysis.
2.	<p>Removable orthodontic appliances, their indications and method of use.</p> <p><b>06.02.2026 13:45-15:15 PM</b></p> <p><b>MDDr. Juraj Bánovčin, PhD.</b></p>	<p>General principles of orthodontic treatment.</p> <p>Test</p>
3.	<p>Fixed orthodontic appliances, main biomechanical principles.</p> <p><b>11.02.2026 08:00-09:30 PM</b></p> <p><b>MDDr. Gabriela Verbová, PhD.</b></p>	Prevention in orthodontics.

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4.	<p>Removable orthodontic appliances – aligners their indications and method of use.</p> <p><b>11.02.2026 12:00-13:30 PM</b></p> <p><b>MDDr. Eleonóra Ivančová, PhD., MHA.</b></p>	<p>Bonding orthodontic brackets.</p> <p>Types of orthodontic brackets.</p> <p>Orthodontic adhesives.</p>
5.	<p>Impacted teeth – diagnosis and treatment.</p> <p><b>12.02.2026 13:45-15:15 PM</b></p> <p><b>MUDr. Richard Šilla</b></p>	<p>Transpalatal arch.</p> <p>Test</p>
6.	<p>Class AII – differential diagnosis, treatment procedures.</p> <p><b>13.02.2026 08:00-09:30 PM</b></p> <p><b>MUDr. Jana Surovková</b></p>	<p>Loops on archwire.</p>
7.	<p>Class AIII – differential diagnosis, treatment procedures.</p> <p><b>16.02.2026 13:00-14:30 PM</b></p> <p><b>MUDr. Jana Surovková</b></p> <p><b>TEST FOR LECTURES</b></p>	<p>Loops on archwire.</p> <p>Credit test</p>

**Specific conditions for passing the subject:**

Completion of 100% participation in practical exercises and lectures. Continuous review with a record of assessment during clinical teaching. Passing a test from lectures with a minimum rating of 60%. Final test with a grade of at least 60%.

**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

Werner Schup Julia Haubrich, Aligner Orthodontics, Quintessenz Verlags, 2017, ISBN 1850972842

Kaley Ann, Orthodontics: Diagnosis and Treatment, American Medical Publishers, 2021, ISBN: 1639270604