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SYLABUS

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<b>Subject:</b>	<i>Orthodontics 3</i>		
<b>Study programme:</b>	<i>Dental medicine</i>	<b>Semester:</b>	<i>11.-12. semester</i>
<b>Valuation:</b>	<i>State exam</i>	<b>Obligation:</b>	<i>obligatory</i>
<b>Number of hours:</b>			<i>77 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 PT**

<i>Week</i>	<i>Lectures</i>	<i>Practicals</i>
1.	<p>Indications, contraindications of orthodontic treatment</p> <p>Indication and timing of orthodontic treatment - Suitable age for orthodontic treatment.</p> <p>02.09.2025 13:30-15:00</p> <p><b>MDDr. Eleonóra Ivančová, PhD., MHA.</b></p>	<p>Principles of straight wire techniques</p>
2.	<p>Orthodontic anomalies – special characters.</p> <p>16.9.2025 13:30-15:00</p> <p><b>MDDr. Eleonóra Ivančová, PhD., MHA.</b></p>	<p>Indications, contraindications of orthodontic treatment</p> <p>Indication and timing of orthodontic treatment</p> <p>Test</p>
3.	<p>Compression and crowding.</p> <p>Crossbites.</p> <p>Open bite – causes, types and treatment .</p> <p>30.9.2025 13:30-15:00</p> <p><b>MUDr. Jana Surovková</b></p>	<p>Removable orthodontic appliances</p> <p>Laboratory making techniques</p> <p>Anomalies of special character</p> <p>Test</p>

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4.	<p>Interdisciplinary treatment of the orthodontist with the maxillofacial surgeon, pediatric dentist and periodontist.</p> <p>Preprosthetic orthodontic treatment.</p> <p>14.10.2025 13:30-15:00 <b>MDDr. Gabriela Verbová, PhD.</b></p>	<p>Planning of orthodontic treatment.</p>
5.	<p>Clefts. Classification of clefts and their morphology. Cleft therapy.</p> <p>Prevention in maxillofacial orthopedics.</p> <p>28.10.2025 13:30-15:00 <b>MDDr. Juraj Bánovčín, PhD.</b></p>	<p>Anomalies in the number of teeth and their treatment.</p> <p>Impacted teeth.</p>
6.	<p>Retention and relapse in orthodontics.</p> <p>Aesthetics in orthodontics</p> <p>Effectiveness of orthodontics</p> <p>Consultations and preparing for state exam</p> <p>11.11.2025 13:30-15:00 <b>MUDr Janka Jenčová, PhD.</b></p>	<p>Interdisciplinary cooperation in the treatment of orthodontic anomalies.</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

Analysing of orthodontic models 7

Analysing of cephalometric RTG images 7

Admission orthodontic examination 2

Alginate impressions 4

Unbinding and binding of the fixed appliance 4x

### **Recommended literature:**

Graber, M.: Orthodontics, 2005, ISBN-10:0323026214

Proffit, W.R.: Contemporary orthodontics, 2007, ISBN-13:978-0-323-04046-4

Elsevier Books, 2020 Temporary Anchorage Devices in Orthodontics

Staley, Essentials of Orthodontics, 2011