

SYLABUS

<b>Subject:</b>	<i>Conservative Dentistry 3</i>		
<b>Study programme:</b>	<i>Dental Medicine</i>	<b>Semester:</b>	<i>8. semester</i>
<b>Valuation:</b>	<i>Absolved</i>	<b>Obligation:</b>	obligatory
<b>Number of hours:</b>	<i>1 h. lectures and 4 h. practicals/week</i>		70 hours

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

**Wednesday ETW PE 14:30 – 16:00**

<i>Week</i>	<i>Lectures PVT /ETW/ PE</i>	Practice
1.	Introduction to endodontics, pathohistological and clinical classification of pulpal diseases, indication and contraindication of endodontic treatment. <b>19.2.2025</b>	Introduction to endodontics, indication and contraindication of endodontic therapy. Pathological and clinical classification of pulpal diseases. Reversible and irreversible forms of pulp inflammation. Examination and treatment of the patient. <b>Evaluation of knowledges.</b>
2.	Deep caries, pulpal hyperemy – etiology, clinical picture, diagnosis, differential diagnosis <b>5.3.2025</b>	Deep caries – classification, dg. therapy. Pulpal hyperemy – etiology, pathomorfological picture, clinical features, dg., diff.dg., therapy. Examination and treatment of the patient.. <b>Evaluation of knowledges.</b>
3.	Acute pulpitis – classification, clinical picture, diagnosis, differential dg. <b>19.3.2025</b>	Pulpal hyperemy – etiology, pathomorfological picture, clinical features, dg., diff.dg., therapy. <b>Evaluation of knowledges</b> Acute pulpitis, serous purulent - pathomorfology, clinical picture, dg., diff.dg. Examination and treatment of the patient Chronic pulpitis – pathomorfology, clinical features, dg., diff.dg. Examination and treatment of the patient.. <b>Evaluation of knowledges</b>
4.	Chronic pulpitis, necrosis, gangrena of the pulp. Etiology, clinical picture, diagnosis, diff.dg.. <b>MUDr.Tamášová, M.,PhD.</b> <b>2.4.2025</b>	Pulpal necrosis and gangrena – etiology, clinical features, dg., diff.dg. Therapeutical methods preserving pulp vitality – indirect pulp capping, direct pulp capping, pulpotomy, indications. Examination and treatment of the patient. <b>Evaluation of knowledges.</b>

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5.	Therapy of pulpal diseases – pulp extirpation, vital and non-vital method. One visit root canal therapy.  <b>16.4.2025</b>	Pulp diseases therapy – vital extirpation, indication, working steps. Pulp diseases therapy – non vital extirpation, non-vital pulpotomy, indication, working steps. Examination and treatment of the patient. <b>Evaluation of knowledges</b>
6.	Basics of endodontic treatment – root canal morphology, trepanation of pulp chamber, chemo-mechanical preparation of root canal. <b>30.4.2025</b>	Basics of endodontology – preparation, biomechanical preparation of root canal. Root canal preparation – techniques. Examination and treatment of the patient. <b>Evaluation of knowledges</b>
7.	Root canal filling materials – classification, requirements. Root canal fillings – objectives. <b>14.5.2025</b> <b>TEST FOR LECTURES</b>	<b>TEST</b> Root canal filling materials, classification, indications. Root canal filling methods, objectives. Examination and treatment of the patient. Root canal filling methods, objectives. Credit. <b>Evaluation of knowledge</b>

### **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%.

### **Continuous forms of study control on clinical lessons and conditions for subject completion: (without filling the condition student cannot passed)**

Theoretical knowledges - under contents of clinical practice

Important part is refernce about treated patient, his/her history, up to now treatment and about precEDURE which will be done by the student. In the case of lack of student's knowledges, student wil not exam and treat the patient Written test – evaluation A – E (min. 65%)

### **Treatment procedures:**

Complex examination of oral cavity and facial region of adult patient and treatment plan  
14

Vital treatment of dental pulp – indirect pulp caping 8

Amalgam fillings 8

Local treatment of tooth hypersensitivity 5

Composite fillings 5

Glass-ionomer fillings 4

Root canal treatment 3

X-ray evaluation 20

**References:**

- Whaites,E.: Essentials of dental radiography and radiology,  
1998 Thylstrup, A, Fejerskov, O.: Textbook of clinical cariology, 1994, ISBN 87 16  
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- Harthy, : Endodontics in clinical practise, ISBN-10: 0702031569, ISBN-13: 978-  
0702031564
- Fejerskov, O, Kidd, E.: Dental caries- The disease and its clinical management, 2008,  
ISBN 9781405138895
- Stejskalová,J.: Konzervační zubní lékařství, 2003, ISBN: 8072622250
- Peřinka,L.: Zásady klinické endodoncie, 2003, ISBN 978-809038768-3 9788090387683
- Hellwig, E.: Záchovná stomatologie a parodontologie, 2003, ISBN 80 247 0311 4