

SYLABUS

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| <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 and Akademia Košice**  
**1st Department of Stomatology**  
**Department of Stomatology and Maxillofacial Surgery**  
**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.<br><br><b>22.2.2023</b> | Introduction to endodontics, indication and contraindication of endodontic therapy. Examination and treatment of the patient <b>Evaluation of knowledges</b>                                    |
|             | Introduction to endodontics, pathohistological and clinical classification of pulpal diseases, indication and contraindication of endodontic treatment..                        | 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<br><br><b>8.3.2023</b>   | Deep caries – classification, dg. therapy. Examination and treatment of the patient.. <b>Evaluation of knowledges</b>   |
|             | Deep caries, pulpal hyperemy – etiology, clinical picture, diagnosis, differential diagnosis.   | Pulpal hyperemy – etiology, pathomorfological picture, clinical features, dg., diff.dg., therapy. <b>Evaluation of knowledges</b>   |
| 3.          | Acute pulpitis – classification, clinical picture, diagnosis, differential dg.<br><br><b>22.3.2023</b>  | Acute pulpitis, serous purulent - pathomorfology, clinical picture, dg., diff.dg. Examination and treatment of the patient  |
|             | Acute pulpitis – classification, clinical picture, diagnosis, differential dg.  | 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..<br><br><b>5.4.2023</b>   | Pulpal necrosis and gangrena – etiology, clinical features, dg., diff.dg. Examination and treatment of the patient <b>Evaluation of knowledges</b>  |
| .           | Chronic pulpitis, necrosis, gangrena of the pulp. Etiology, clinical picture, diagnosis, diff.dg..  | . Therapeutical methods preserving pulp vitality – indirect pulp capping, direct pulp capping, pulpotomy,   |

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|    |   | indications. Examination and treatment of the patient. <b>Evaluation of knowledges</b>  |
| 5. | Therapy of pulpal diseases – pulp extirpation, vital and non-vital method. One visit root canal therapy.<br><br><b>19.4.2023</b>                        | Pulp diseases therapy – vital extirpation, indication, working steps. Examination and treatment of the patient  |
|    | Therapy of pulpal diseases – pulp extirpation, vital and non-vital method. One visit root canal therapy.  | 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.<br><br><b>3.5.2023</b> | Basics of endodontology – preparation, biomechanical preparation of root canal. Examination and treatment of the patient. <b>Evaluation of knowledges</b>               |
|    | Basics of endodontic treatment – root canal morphology, trepanation of pulp chamber, chemo-mechanical 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.<br><br><b>17.5.2023</b><br><b>TEST FOR LECTURES</b>      | <b>TEST</b> Root canal filling materials, classification, indications. Examination and treatment of the patient.  |
|    | Root canal filling materials – classification, requirements. Root canal fillings – objectives   | 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%.

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### **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 10916 3

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