

SYLABUS

Subject:	<i>Conservative Dentistry I</i>		
Study programme:	<i>Dental Medicine</i>	Semester:	<i>6. semester</i>
Valuation:	<i>absolved</i>	Obligation:	obligatory
Number of hours:	<i>1 h. lectures and 3 h. practicals / week</i>		<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: Thursday 11:45 – 13:15 (OCW)
 Lecture room PB

<i>Week</i>	<i>Lectures NVT /OTW/</i>	Practice
1.	Introduction to cariology and basics of dental caries epidemiology. Dental caries and its management. Theories of the onset of the dental caries. 10.02.2026 MDDr. S. Fritzká	Introduction to cariology, dental caries and its management. Examination and treatment of the patient. Evaluation of knowledges
2.	Aetiology of tooth decay process mikroorganisms, nutrition. Saliva – its properties, function. Oral hygiene. 24.02.2026 MDDr. S. Fritzká	Aetiology of tooth decay process, nutrition, mikroorganisms. Examination and treatment of the patient. Evaluation of knowledges
3.	Pathomorphology of dental caries, carious process in enamel and dentine. Defence mechanisms against carious process – remineralisation, sclerotic dentine, transparent dentine. 10.03.2026 MDDr. S. Fritzká	Pathomorfological picture of dental caries. Defence mechanisms against carious process – sclerotic dentine, transparent dentine. Examination and treatment of the patient. Evaluation of knowledges
4.	Clinical classification of dental caries. Non – carious tooth defects – erosion, abrasion, attrition, traumatic. 24.03.2026 MDDr. Holló M.	Clinical classification of dental caries. Non – carious tooth defects. Examination and treatment of the patient. Evaluation of knowledges
5.	Principles of treatment of dental caries – the objectives of restoring teeth, the basic working principles according G.V.Black, principles of cavity preparation, preparation techniques according to the used dental material. 07.04.2026 MDDr. K. Pandyová	Principles of dental caries treatment, basic preparation techniques according G.V.Black. Principles of dental caries treatment preparation techniques according to the used dental materials. Examination and treatment of the patient. Evaluation of knowledges

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6.	<p>Treatment of dental caries-pulp protection, materials used to protect pulp, classification, Calcium hydroxide and its role in cariology.</p> <p>21.04.2026</p> <p><i>MDDr. Futejová, M.</i></p>	<p>Treatment of dental caries – pulp protection. Calcium hydroxide and its role in cariology. Examination and treatment of the patient. Evaluation of knowledges</p>
7.	<p>Treatment of dental caries –plastic fillings, amalgams, properties, indication, inserting, carving, polishing.</p> <p>05.05.2026</p> <p><i>MDDr. Futejová M.</i></p> <p>TEST FOR LECTURES</p>	<p>Treatment of dental caries – plastic fillings. Treatment of dental caries – amalgams. Examination and treatment of the patient. Evaluation of knowledges</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%.

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. 60%)

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 5 diract pulp capping 5

X-ray evaluation 15

Local fluoridation 10

References:

Whaites,E.: Essentials of dental radiography and radiology,1998,ISBN 0 443 05349 9

Thylstrup, A, Fejerskov, O.: Textbook of clinical cariology, 1994, ISBN 87 16 10916 3

Fejerskov O, Kidd E.: Dental caries. The disease and its Clinical Management, 2003, ISBN 9781405138895

Pickard s Manual of Operative Dentistry , 2011, ISBN-10: 0199579156 , ISBN-13: 978-0199579150

Markovská,N.,Janitorová,E.: Preventívne zubné lekárstvo 1-Pracovné listy

Stejskalová,J.: Konzervační zubní lékařství, 2003, ISBN: 8072622250

Hellwig, E.: Záchovná stomatologie a parodontologie, 2003,ISBN 80 247 0311 4