



**PRACTICAL LESSONS PROGRAMME
IV course, VII semester**

| № | TOPIC | HOURS |
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| 1. | Introduction to the equipment in the clinical rooms. Safety instructions. Patients' registration. Demonstration of a patient's first visit. Clinical practice. | 4 h. |
| 2. | Infection control in dentistry. Demonstration of the personal protective equipment. Disinfection of the working field. Sterilization of the instruments. Clinical practice. | 4 h. |
| 3. | Ergonomics. Guidelines for improving posture and ergonomics when working on different teeth groups – demonstration. Role of the dental assistant during treatment. Clinical practice. | 4 h. |
| 4. | Dental caries. Discussion of the main risk factors in dental caries. Demonstration of the risk factors – poor oral hygiene (visualization of the dental plaque), poorly contoured dental restorations, compromised general health, social status. Clinical practice. | 4 h. |
| 5. | Main symptoms of tooth decay. Demonstration of the main symptoms of tooth decay. Clinical practice. | 4 h. |
| 6. | Dental caries – clinical features, diagnostics, differential diagnosis. Demonstration of dental caries cases with different clinical features. Clinical practice. | 4 h. |
| 7. | Early caries detection – methods. Demonstration of different methods for early caries detection. | 4 h. |
| 8. | Pain management in Operative Dentistry. Clinical demonstration of the various techniques for pain management during caries treatment. Clinical practice. | 4 h. |
| 9. | Colloquium: Dental caries – etiology, main symptoms, diagnostics, clinical symptoms (syllabus). Clinical practice. | 4 h. |
| 10. | Dentin caries – caries media, caries profunda. Demonstration of clinical cases. Clinical practice. | 4 h. |
| 11. | Root caries (of the cementum, adult caries). Demonstration of clinical cases. | 4 h. |
| 12. | Secondary caries. Demonstration of clinical cases. Clinical practice. | 4 h. |

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| 13. | Clinical features, diagnostics and treatment of rampant caries. Demonstration of clinical cases. Clinical practice. | 4 h. |
| 14. | Biomechanical problems when using different obturation materials. Demonstration of clinical cases. Clinical practice. | 4 h. |
| 15. | Discussion of the finished clinical cases. Verification of the semester. | 4 h. |
| | TOTAL: | 60 h. |

Изготвил:
Хабилитираните лица от Катедрата ОЗЕ

Съгласувал:
(проф. д-р Н. Манчорова, дм,
Ръководител Катедра ОЗЕ)

Утвърдена на Катедрен съвет № 12/16.07.2020 г.



**PRACTICAL LESSONS PROGRAMME
IV course, VIII semester**

| № | TOPIC | HOURS |
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| 1. | Safety instructions for working in the clinical rooms. | 4 h. |
| 2. | Anatomy and physiology of the pulp – Demonstration of the special features of their anatomy in different tooth groups – on models and photographs. Clinical practice. | 4 h. |
| 3. | Etiology and pathogenesis of the inflammatory diseases of the pulp - demonstration of basic factors that cause inflammation of the pulp – on patients and photographs. Clinical practice. | 4 h. |
| 4. | Diseases of the pulp – methods for examination – obtaining the medical and dental history of the patient, clinical and paraclinical methods for examination. Demonstration. Analysis of the results. Clinical practice. | 4 h. |
| 5. | Non-inflammatory pathological processes of the pulp – atrophy, dystrophy, calcium metaplasia, circulatory disorders - demonstration on photographs. Directions for treatment. Clinical practice. | 4 h. |
| 6. | Acute pulpitis. Discussion of the clinical symptoms and directions for treatment. Clinical practice. | 4 h. |
| 7. | Chronic pulpitis. Discussion of the clinical symptoms and directions for treatment. Clinical practice. | 4 h. |
| 8. | Reversible and irreversible pulpitis. Discussion of the clinical symptoms and directions for treatment. Clinical practice. | 4 h. |
| 9. | Colloquium: Etiology and clinical symptoms of the inflammatory diseases of the pulp (syllabus). Clinical practice. | 4 h. |
| 10. | Biological methods for the treatment of the inflamed pulp – indirect pulp capping – demonstration. Analysis of the medicaments used in the different methods. Clinical practice. | 4 h. |
| 11. | Biological methods for the treatment of the inflamed pulp – direct pulp capping and vital amputation – demonstration. Analysis of the medicaments used in the different methods. Clinical practice. | 4 h. |
| 12. | Vital extirpation. Essence and critical analyses of methods. Anesthetic techniques for extirpation of vital pulp. Indications, contraindications, therapeutic techniques, Complications, Prognosis. Clinical practice. | 4 h. |

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| 13. | Arsenic devitalization of dental pulp (Mortal extirpation). Essence and critical analyses of methods. Specifics in application of arsenic medicaments: Mechanisms, time of exposure, amount. Indications, contraindications, therapeutic techniques, Complications, Prognosis. Clinical practice. | 4 h. |
| 14. | Anatomy and physiology of the periodontium. Demonstration on photographs of the anatomy of the periodontium in different tooth groups. Clinical practice. Acute serous periodontitis – discussion of the etiological factors and their importance to the treatment pain. Clinical practice. | 4 h. |
| 15. | Periododontitis acuta purulenta – Discussion of treatment plan according to the stage of the Inflammatory process. Clinical practice. Verification of the semester. | 4 h. |
| | TOTAL: | 60 h. |

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Съгласувал:
(проф. д-р Н. Манчорова, дм
Ръководител Катедра ОЗЕ)

Утвърдена на Катедрен съвет № 2/04.02.2021 г.