

PRECLINICAL CONSERVATIVE DENTISTRY PROGRAM 2025/2026

|    | THEORY  | PRACTICE   |
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| 1. | Etiology of caries. Clinical course and classification of dental caries. Dental caries diagnostics. Work ergonomics (correct position of the dentist). Dental instruments.        |  |
| 2. | Black and Mount-Hume classification of caries. Treatment of initial and superficial caries.   | A) Exercises using the Simodont – preparation the cavities in virtual blocks (rectangle, circle and cross shaped blocks)<br>B) Treatment of white spot lesion and superficial carries. PRR1 procedure on occlusal surface in molar tooth using pit and fissure sealant/flow composite. Rubber dam placement. |
| 3. | Ist class G.V. Black –cavity design. Differences in cavity preparation for composite. Basic knowledge of composite and bonding agents. Rules of finishing composite restorations. | A) Exercises using the Simodont – I class cavity preparation<br>B) I class cavity preparation in molar. Composite restoration. Rubber dam placement.   |
| 4. | IIIrd class G.V. Black-cavity design. Basic knowledge in color and shade analysis.  | A) Simodont – III class cavity preparation<br>B) Preparation of caries media on approximal surface without removal labial wall of canine/ incisor. Composite restoration.  |
| 5. | IIIrd class G.V. Black-cavity design. Basic knowledge in color and shade analysis. Finishing of the composites.   | A) Simodont – III class cavity preparation<br>B) Preparation of caries media on approximal surface with removal labial wall on lateral incisor. Composite restoration  |
| 6. | IIInd class G.V. Black – cavity design. Matrix systems.   | A) Simodont – II class cavity preparation (MO or DO)<br>B) The MO/DO cavity preparation on premolar. Composite restoration.  |
| 7. | IIInd class G.V. Black – cavity design. Matrix systems.   | A) Simodont – II class cavity preparation (MOD)<br>B) The MOD cavity preparation on premolar. Composite restoration  |
| 8. | Vth class G.V. Black-cavity design. Differences in cavity preparation for adhesive restoration. Glass-ionomer cements and their modifications.                                    | A) Simodont – V class preparation<br>B) Vth class preparation on labial surface of canine or   |

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|     |  | lateral incisor. Filling the cavity with glass ionomer cement.<br>C) Vth class preparation on buccal surface of molar. Filling the cavity with resin-modified glass-ionomer cement. |
| 9.  | Vth class G.V. Black-cavity design. Differences in cavity preparation for adhesive restoration.  | A) Simodont – V class preparation<br>B) Vth class preparation on labial surface of canine or lateral incisor. Composite restoration   |
| 10. | Fundamentals of biological treatment of pulp diseases. Odontotropic materials. Deep caries. Differences in medical procedures in the treatment of deep caries. Indirect pulp capping, technique of implementation, indications, contraindications. | Preparation of deep caries on approximal surface of premolar tooth. Indirect pulp capping, putting composite restoration. Finishing and polishing restoration.                      |
| 11. | Fundamentals of biological treatment of pulp diseases. Direct pulp capping, technique of implementation, indications, contraindications. Bioactive materials (calcium hydroxide cements, MTA, Biodentine) - presentation of their preparation.     | Preparation of deep caries on approximal surface of molar tooth. Direct pulp capping, putting composite restoration. Finishing and polishing restoration.                           |
| 12. | IVth class G.V. Black-cavity design. Differences in cavity preparation resulting from the use of adhesive materials specially enamel preparation for aesthetic restorations.   | Preparation of caries media on approximal surface of anterior tooth. Using celuloid crown composite restoration. Finishing and polishing restoration.                               |
| 13. | IVth class G.V. Black-cavity design. Differences in cavity preparation resulting from the use of adhesive materials specially enamel preparation for aesthetic restorations.   | Preparation of caries media on approximal surface of central/lateral incisor. "Free hand" composite restoration. Finishing and polishing restoration.                               |
| 14. | Preparation of a cavity in a natural tooth and it's restoration using an adhesive material.  | Preparation of the 1st class cavity in the natural molar and restoration using composite material.  |
| 15. | Preparation of the cavity in a natural tooth and it's restoration using an adhesive material.  | Preparation of the 1st class cavity in the natural premolar and restoration using composite material.   |
| 16. | PRE-OSCE – preparation for the exam  |   |