

APPROVED by  
Head of the Department of  
Orthopedic Dentistry and  
Orthodontics



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Protocol of the Methodical  
Meeting of the Department № 6  
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**Thematic Plan of Practical Training in the academic discipline  
«Non-removable prosthetics» for 6th semester, 3rd year students**

1. Prosthetics of partial absence of teeth. Clinical picture, classification of dentition defects.

*Hygienic antiseptics of the skin of the hands of medical personnel.*

2. Prosthetic treatment of patients with partial absence of teeth with fixed dentures. Methods examination of patients. Indications and contraindications to the choice of construction fixed dentures.

*Completion of a dental outpatient card. Completion of a work order for an orthopedic appointment.*

3. Odontoparodontogram. Justification of the choice of design and abutments in bridge dentures. stamina and reserve forces of the periodontium.

*Completion of a dental outpatient card. Completion of a work order for an orthopedic appointment.*

4. Clinical and laboratory stages of manufacturing stamped-soldered bridges.

*Selection of medicine and anesthesia method.*

5. Preparation of teeth, taking impressions in the manufacture of bridge dentures (stamped-soldered, cast-metal, combined).

*Taking alginate impressions.*

6. The technique of taking impressions for the manufacture of the intermediate part of the bridge dentures. The choice of impression materials depending on the construction materials of the dentures.

*Taking dual-layer silicone impressions.*

7. Determination and methods of fixation of central occlusion in the manufacture of bridges.

*Determining and fixing habitual occlusion when making bridgework prostheses.*

8. Inspection of structures, final manufacture, application and fixation of bridge dentures.

*Checking the construction of metal bridgework prostheses.*

9. Clinical and laboratory stages of manufacturing of cast-metal, metal acrylic, metal ceramic dentures.

*Checking the construction of metal bridgework prostheses.*

10. Adhesive bridge dentures. Modern construction materials for manufacturing and luting. Methods of manufacture and methods of luting.

*Fixation of bridgework prostheses made from various construction materials.*

11. Modern construction materials and methods of manufacturing metal-free bridge dentures.

*Determining tooth color.*

12. CAD / CAM technologies in fixed dental prosthetics.

*Determining the index of the damaged occlusal surface of the tooth (IDOST) and choosing the type of orthopedic construction based on the index.*

13. Clinical stages and modern materials for fixing metal-free fixed dentures.

*Fixation of bridgework prostheses made from various construction materials.*

14. Errors and complications in the prosthetic treatment of patients with partial defects of the dentition with bridge dentures.

*Checking the construction of metal bridgework prostheses.*

15. Types of dental implantation. Indications and contraindications for use. Characteristics of construction materials.

*Taking alginate impressions.*

16. Types of dental implants and abutments.

*Taking dual-layer silicone impressions.*

### **Thematic Plan of Lectures**

#### **6th semester, 3rd year students in the academic discipline**

#### **«Non-removable prosthetics»**

1. Partial defects of dentition. Constructions of fixed dentures.
2. Bridge (stamped-soldered, combined) dentures. Prosthetic treatment planning.
3. The technique of taking impressions for the manufacture of bridge dentures. Fixation of central occlusion in the manufacture of bridges.
4. Cast-metal, metal acrylic, metal ceramic dentures.
5. Adhesive bridge dentures.
6. Metal-free bridge dentures.
7. Errors and complications in the prosthetic treatment of patients with partial defects of the dentition with bridges.
8. Dental implantation.

Lectures - 8 (12 hours)

Practical lessons - 80 hours

Number of weeks - 16

Total training hours - 176 hours

Final assessment - examination