

APPROVED by
Head of the Department of
Orthopedic Dentistry and
Orthodontics



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Protocol of the Methodical
Meeting of the Department № 8
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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.

Interpretation of the examination data patients with partial absence of teeth, taking into account the classification of dentition defects.

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.

Examination of patients, determination of indications and contraindications for the manufacture bridge dentures.

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

Interpretation of the results of odontoparodontogram and X-ray examination data.

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

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

Preparation of teeth for the manufacture of bridge dentures on plaster models.

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 impressions from alginate and silicone materials.

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

Determination and fixation of central occlusion in the manufacture of bridges on plaster models.

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

Tactics of checking the design of bridges. Selection of material for fixation.

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

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

Selection of construction materials for the manufacture and fixation of adhesive dentures.

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

Selection of construction materials for the manufacture of metal-free dentures.

12. CAD / CAM technologies in fixed dental prosthetics.

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

Selection of materials for fixing metal-free dentures.

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

Examination of the patient, filling out medical documentation.

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

Determining the tactics of treating patients with dental implants

16. Types of dental implants and abutments.

Selection of abutments for the manufacture of fixed structures.

Thematic Plan of Lectures

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

«Non-removable prosthetics»

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

Lectures - 11 (14 hours)

Practical lessons - 80 hours

Number of weeks - 16

Total training hours - 176 hours

Final assessment - examination