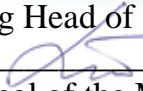


APPROVED by

Associate professor A.S.Barunou
Acting Head of the Dpt., Ph.D.


Protocol of the Methodical
Meeting of the Department № 1
August 30, 2023

**Thematic Plan of Practical Training in the academic discipline
«Prosthodontics» for 7th semester, 4rd year students**

1. Prosthodontics in complete tooth loss (complete secondary edentia). Features of patient clinical examination in complete tooth loss. Determination of morphological characteristics of hard and soft tissues of basal seat area, the degree of atrophy of the alveolar processes and jaws body.

2. Classification of edentulous jaws by Schroeder, Keller, Kurlyandski, Oksman. Assessment of the mucous membrane of the oral cavity with complete loss of teeth.

3. Methods of fixation and stabilization of complete removable dentures.

4. Anatomical (preliminary) impressions, techniques of taking, materials. Individual trays, characteristics, techniques of manufacturing and materials.

5. Functional tests by Herbst for individual trays fitting. Taking and assessment of functional (final) impressions. Choice of impression material for functional impressions.

6. Cast pouring and making of record bases with occlusion rims. The borders of denture bases in complete tooth loss.

7. Determining the centric relation in complete tooth loss. Vertical dimension of occlusion.

8. Laws of articulation. Artificial teeth arrangement in complete tooth loss. Features of tooth arrangement in patients with malocclusion.

9. Try in of wax up of complete denture. Analysis and correction of medical and technical errors in determining the centric relation.

10. Fitting and insertion of removable dentures in complete tooth loss. Rules of removable denture use and correction.

11. Clinical management of patients in long-term periods. Adaptation.

12. Prosthetic treatment of patients with complete tooth loss in one jaw. Repeated prosthetics in complete tooth loss.

13. Clinical and laboratory stages of complete removable dentures manufacturing.

14. Pathological wear of hard dental tissues. Characteristic of tooth wear, types, etiology, pathogenesis. Classification of pathological tooth wear. Clinical picture, diagnostics.

15. Pathological wear of hard dental tissues (localized and generalized forms). Prosthodontic treatment techniques. Types of prosthetic constructions.

Lectures - 9 (12 academic hours)

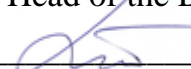
Practical classes - 90 academic hours

Number of weeks - 15

Total training hours - 102 academic hours

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Protocol of the Methodical
Meeting of the Department № 1
August 30, 2023

**Thematic plan of lectures
for 7th semester, 4th year students in the academic discipline
«Prosthodontics» (9 lectures, 12 hours)**

Lecture 1. Anatomical and physiological features and the morphological and functional reorganization of the maxillofacial region due to complete loss of teeth. The structure and the interrelation of edentulous jaws, their classification. Examination of the maxillofacial area with edentulous jaws, diagnosis, choice of treatment, the prognosis of its effectiveness.

Lecture 2. Methods of fixation and stabilization of complete removable dentures. The concept of transitional border between masticatory and lining mucosa, neutral zone and suction. Pliability and mobility of oral mucosa, buffer zones. The borders of complete removable dentures.

Lecture 3. Anatomical (preliminary) impressions, techniques of taking, materials. Individual trays, characteristics, techniques of manufacturing and materials. Functional tests by Herbst for individual trays fitting. Methods of functional impressions taking from edentulous jaws. Functional tests by Herbst.

Lecture 4. Centric relation. Occlusion rims and record bases, requirements. Determining the centric relation of jaws with complete tooth loss. Methods of determining the vertical dimension of occlusion. Anthropometric reference points and anatomic regularities of face structure.

Lecture 5. The laws of articulation. Methods of arrangement of artificial teeth. The method of manufacture of dentures with metal bases.

Lecture 6. Possible complications and errors in determining and fixing centric relation, their manifestation in the clinic at wax try in and methods of their correction.

Lecture 7. Adaptation of patients to dentures. The mechanism and dynamics of adaptation. Adaptation features of patients to complete removable dentures. Rebasement and repair of complete removable dentures.

Lecture 8. Pathological wear of hard dental tissues. Etiology, pathogenesis, pathological forms of tooth wear. Forms of pathological tooth wear. Diagnostic. Clinic.

Lecture 9. The principles of prosthodontic treatment of localized and generalized forms of pathological tooth wear. Appliances and prostheses used in the treatment of pathological tooth wear.

Lectures - 9 (12 academic hours)

Practical classes - 90 academic hours

Number of weeks - 15

Total training hours - 102 academic hours