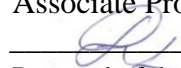


APPROVED by

Head of the Department, Ph.D.,
Associate Professor

 Ya.I. Timchuk

Protocol of the Methodical Meeting of the
Department №8 19.01.2024

**Thematic Plan of Practical Training in Prosthodontics
for 8th semester, 4th year students**

1. Classification of periodontal diseases. Etiology, pathogenesis, clinical features, methods of examination, differential diagnosis of periodontal diseases. Odontoparodontogramm as an indicator of the functional state and endurance of periodontium. Reserve forces of periodontium and their changes depending on the degree of alveolar bone atrophy.
2. The role of the occlusal trauma in the development of periodontal diseases. Occlusal adjustment of teeth as the first stage of prosthetic treatment of periodontal diseases. The immediate prosthetics as a means of preventing of periodontium overloading.
3. Indications for temporary splinting in periodontal diseases treatment. Types of temporary splints, their characteristics. Orthodontic treatment of patients with periodontal diseases.
4. Indications for teeth extraction with periodontal disease. Indications for permanent splinting in treatment of periodontal diseases. Types and characteristics of permanent splints. Types of stabilization. Indications for fixed and removable splints, comparative characteristics of splints.
5. Design features and manufacturing technology of permanent splints and splinting dentures for intact dentitions and dentitions with defects.
6. The final class. Prosthetic treatment of periodontal diseases.
7. The deformations of dentition and occlusion. Etiology, pathogenesis, diagnosis, clinic. Methods of treatment of the deformations of dentition and occlusion.
8. Features of prosthetic treatment of patients with chronic diseases of the oral mucosa.
9. Pathological changes in the state of the organism, tissues and organs of the oral cavity associated with the presence of dental prostheses. Galvanosis. Etiology, pathogenesis, clinical features, prevention, treatment.
10. Pathological changes in the state of the organism, tissues and organs of the oral cavity, associated with the presence of dental prostheses. Allergies. Etiology, pathogenesis, clinical features, prevention, treatment.
11. Functional anatomy of the temporomandibular joint. The fundamentals of functional occlusion.
12. Diseases of the temporomandibular joint. Etiology, pathogenesis, clinical picture, differential diagnostics, methods of prosthetic treatment.
13. The final class. Credit test.

**Thematic Plan of Lectures for 8th semester, 4th year students in Prosthodontics
(8 lectures, 10 hours)**

Lecture 1. Periodontal diseases. Etiology. Methods of examination. Classifications. Localized and generalized periodontal lesions. Clinical features. Diagnostics. Differential diagnostics.

Lecture 2. Occlusal trauma. Occlusal teeth adjustment. Immediate dentures, orthodontic treatment and their role in the treatment of periodontal diseases.

Lecture 3. The role of prosthodontics and indications for teeth splinting. Objective of teeth splinting. Main principles of teeth splinting. Indications for temporary splinting of teeth. Constructions of the splints, used for temporary splinting.

Lecture 4. Indications for permanent splinting of teeth. Removable and fixed splints constructions. Types of dental arch stabilization.

Lecture 5. Functional pathology of dentoalveolar system, definition. Macro- and microstructural changes in dentoalveolar system associated with the tooth loss. Deformations of dentition and occlusion. Diagnostics, clinical features and methods of prosthetic treatment of deformations of dentition and occlusion.

Lecture 6. The main features of prosthetic treatment of patients with oral mucosa pathology.

Lecture 7. Oral pathology associated with the effect of dentures and materials from which they are made on the human body. Galvanosis and allergies to materials of dental prostheses. Prophylaxis, clinical features, diagnostics and treatment.

Lecture 8. Diseases of temporomandibular joint. Etiology, clinical features, diagnostics, differential diagnostics and methods of prosthetic treatment.

Lectures - 8 (10 hours)

Practical classes - 78 hours

Number of weeks - 13

Total training hours - 88 hours