

APPROVED by

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Protocol of the Methodical
Meeting of the Department № 1
August 31, 2026

**Thematic plan of practical classes
on the subject "Maxillofacial orthopedics and orthopedic dentistry"
for the 5th year students of the 9th semester**

1. Principles and features of pathogenetic treatment of dental anomalies in the formed bite. Application of surgical, physical and physical-pharmacological methods in the complex treatment of dental anomalies.

Hygienic hand rubbing. Filling in the patient's medical documentation. Filling in the training patient's job order during the orthopedic appointment.

2. Orthopedic treatment of the dental system anomalies in adult patients.

Selection of maxillofacial devices and prostheses for the treatment of patients with the dental system anomalies

3. Orthopedic treatments for pseudoarthrosis, malunion fractures, bone defects, microstomia.

Diagnosis and treatment planning for patients.

4. Deformations of dental arches and bite. Etiology, pathogenesis, diagnostics, clinical manifestations. Treatment methods of deformations of dental arches and bite.

Diagnosis and treatment planning for patients.

5. Orthopedic treatment methods for congenital and acquired defects of the palate.

Selection of maxillofacial appliances and prostheses for the treatment of patients with palate defects

6. Orthopedic treatment in jaw resections. Orthopedic treatment for facial defects and injuries.

Diagnosis and treatment planning for patients.

7. Dental implants. Characteristics. Indications and contraindications. Main types of dental implants.

Planning orthopedic treatment of patients with anodontia with fixed dental prosthesis structures supported by dental implants using cone-beam computed tomography

8. Features of prosthetics using dental implants in the manufacture of fixed dentures.

Planning orthopedic treatment of patients with anodontia with fixed dental prosthesis structures supported by dental implants using cone-beam computed tomography

9. Features of prosthetics using dental implants in the manufacture of removable dentures.

Orthopedic treatment planning for patients with anodontia with removable dental prosthesis structures supported by dental implants using cone beam computed tomography.

10. Features of orthopedic treatment in patients with diseases of the oral mucosa.

Diagnosis and treatment planning for patients.

11. Pathological changes in the state of the body, tissues and organs of the oral cavity associated with the presence of dentures. Galvanosis. Etiology, pathogenesis, clinical manifestations, prevention, treatment methods.

Diagnosis and treatment planning for patients.

12. Pathological changes in the condition of the body, tissues and organs of the oral cavity associated with the presence of dentures. Allergies. Etiology, pathogenesis, clinical manifestations, prevention, treatment methods.

Diagnosis and treatment planning for patients.

13. Increased tooth abrasion. Etiology, pathogenesis, clinical manifestations, diagnostics and classification.

Diagnosis and treatment planning for patients.

14. Methods of orthopedic treatment of patients with increased tooth abrasion.

Diagnosis and treatment planning for patients.

15. Orthopedic treatment of patients with increased tooth abrasion complicated by TMJ dysfunction.

Diagnosis and treatment planning for patients.

16. Diagnostics and treatment of patients with TMJ diseases. Etiology, pathogenesis, clinical manifestations, differential diagnostics, orthopedic treatment methods.

Diagnosis and treatment planning for patients.

**Thematic plan of lectures for the 5th year students of the 9th semester
on the subject "Maxillofacial orthopedics and orthopedic dentistry"
(2 lectures, 3 hours)**

1. Maxillofacial orthopedics
2. Galvanoses and allergies to prosthetic dental materials. Orthopedic treatment of adentia using dental implants

Lectures – 2 (3 hours)

Practical classes – 112

Weeks – 16

Final certification – Differentiated credit