APPROVED by

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Protocol of the Methodical
Meeting of the Department № 6
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Thematic plan of practical classes
on the subject "Maxillofacial orthopedics and orthopedic dentistry"
for the 5th year students of the 10th semester

1. Defects of the dental crown hard tissues. Inlays and veneers. *Diagnosing and treatment planning for patients.*
2. Defects of the dental crown hard tissues. Artificial crowns. *Preparation of teeth for manufacturing metal-acrylic, metal-ceramic and metal-free bridge prostheses.*
3. Defects of the dental crown hard tissues. Pin structures, cast post-and-core inlays. *Preparation of teeth for manufacturing restorative pin structures.*
4. Partial defects of dental arches. Etiology, pathogenesis, classification, clinical manifestations, diagnostics of defects of dental arches. *Diagnosing and treatment planning for patients.*
5. Etiology, pathogenesis, clinical manifestations, diagnostics of partial anodontia. *Filling in the training patient's medical record and job order during the orthopedic appointment.*
6. Orthopedic treatment of patients with partial anodontia with fixed bridge prostheses. *Preparation of teeth for the production of metal-acrylic, metal-ceramic and metal-free bridge prostheses.*
7. Orthopedic treatment of patients with partial anodontia with removable dentures. *Determination and fixation of the central relationship of the jaws in manufacturing removable dentures.*
8. Orthopedic treatment of patients with partial anodontia with removable dentures. Clasp dentures. *Selection of the design and supporting elements of the clasp prosthesis depending on the size and topography of the defect.*
9. Orthopedic treatment of patients with complete anodontia. *Diagnosing and treatment planning for patients.*
10. Orthopedic treatment of patients with complete anodontia. Fitting of an individual tray (according to the Herbst method). Obtaining and evaluating functional impressions. *Determining the boundaries and fitting an individual tray to the upper and lower jaws using the Herbst tests. Obtaining a functional impression of the upper and lower jaws.*
11. Orthopedic treatment of patients with complete anodontia. Methods of determining the central relationship of the jaws and constructing dental arches in the case of complete absence of teeth. *Correction, relining and recommendations for the use and care of complete removable dentures.*

12. Etiology, pathogenesis, clinical manifestations, diagnostics and orthopedic treatment of patients with periodontal diseases. *Diagnosing and treatment planning for patients.*

13. Biological bases of splinting. The role of occlusal trauma in the development of periodontal diseases. *Interpretation of odonto-periodontogram.*

14. Temporary and permanent splinting. Orthodontic treatment for periodontal diseases. *Determining indications for temporary and permanent dental splinting. Selecting the design.*

15. Dental implants. Types. Structural materials. Indications and contraindications for use . *Selection of dental implants depending on the clinical picture.*

16. Orthopedic treatment of patients with partial anodontia with fixed dental prostheses supported by cement-retained dental implants. *Planning orthopedic treatment of patients with anodontia with fixed dental prosthesis structures supported by dental implants using cone-beam computed tomography.*

17. Orthopedic treatment of patients with partial anodontia with fixed dental prostheses supported by dental implants with screw fixation. *Planning orthopedic treatment of patients with anodontia with fixed dental prosthesis structures supported by dental implants using cone-beam computed tomography.*

18. Orthopedic treatment of patients with partial anodontia using dental implants supported by multi-units. *Planning orthopedic treatment of patients with anodontia with removable dental prosthesis structures supported by dental implants using cone-beam computed tomography.*

19. Tactical, diagnostic and technological errors in orthopedic dentistry. *Providing emergency care during the dental appointment (fainting, shock, collapse).*

20. Organizational foundations of dental orthopedic care. *Hygienic hand rubbing.*

Thematic plan of lectures for the 5th year students of the 10th semester on the subject "Maxillofacial orthopedics and orthopedic dentistry" (2 lectures, 3 hours)

Lecture 1. Errors and complications in orthopedic dentistry.

Lecture 2. Organization of orthopedic dental care in the Republic of Belarus.

Lectures – 2 (3 hours)
Practical classes – 140
Weeks – 20
Total hours – 216 hours
Final certification – credit