

**Thematic lesson plan of lectures
in the discipline "Prosthetic Dentistry"
for students in the year of admission 2023
according to the educational program 31.05.03 Dentistry,
orientation (profile) Dentistry (specialty), full-time education
for the 2025-2026 academic year**

№	Topics of lectures	Hours (academic)
5 semester		
1.	Diagnostics. Preparation of the oral cavity for prosthetic treatment. Methods of examination in a prosthetic dentistry clinic. ¹ static and functional. ²	2
2.	Prosthetic treatment of lesions of hard dental tissues using inlays. ¹ Types of inlays. Formation of cavities for inlays. Indications for the different types of inlays. Modern technologies for making inlays in prosthetic dentistry. ²	2
3.	Prosthetic treatment of lesions of hard dental tissues with artificial crowns. ¹ Types of crowns. Details of preparation for crowns. Pathophysiological basis of preparation. Indications for different types of crowns. Modern technologies for making crowns. ²	2
№	Topics of lectures	Hours (academic)
6 semester		
1.	Partial tooth loss. Indications for treatment with removable partial dentures, their types. ¹ Fixing elements. Fixation and stabilization of removable partial dentures. Clinical and laboratory stages of manufacturing. Physiological basis of adaptation. ²	2
2.	Treatment of partial absence of teeth with bar prostheses. Comparative assessment of types of bar prostheses for the treatment of partial absence of teeth. Indications for the use of bar prostheses. ¹ Assessment of the state of the tissues of the prosthetic bed and the topography of defects in the design of clasp prostheses. Varieties of bar prostheses. Their advantages and disadvantages. ²	2
3.	Features of planning the treatment of patients with modern designs of bar prostheses. ¹ Biomechanics of bar prostheses. The operation of the "included" and "terminal" saddles of the bar prostheses. Types of fixation systems for bar prostheses. The stages of treatment with bar prostheses with a clasp fixation system. ²	2
№	Topics of lectures	Hours (academic)
7 semester		
1.	Complex methods of treatment of tooth wear. ¹ The concept of the "myostatic reflex according to Rubinov" and the physiological basis of its restructuring. Principles of complex treatment of generalized tooth wear without reducing the height of the lower third of the face. Preventive measures, clinical examination, prognosis. ²	2
2.	The tasks of orthopedic treatment and its role in the complex treatment of periodontal diseases ¹ . Biomechanical principles of splinting teeth. Temporary, permanent splints. Selective polishing. ²	2
3.	Patterns of occlusion and articulation of the dentition in orthognathic and other types of physiological types of bites. Their reproduction in prostheses for edentulous jaws by methods of anatomical setting of teeth. "Spherical"	2

	theory of articulation and its implementation in the practical restoration of dentition in the complete absence of teeth. ¹ Laws of articulation (Bonville, Hanau). Registration of mandibular movements and data transfer to individual articulators. ²	
№	Topics of lectures	Hours (academic)
	8 semester	
1	Aesthetic aspects in orthopedic dentistry. Innovation methods of orthopedic treatment of patients with defects in hard dental tissues using ceramic veneers. ¹ Patterns in the structure of the patient's face, body, and maxillary system. Indications for the use of veneers. Wax modeling. Veneers manufacturing technologies. ²	2
2	Features of orthopedic treatment using implants ¹ (fixed and removable prosthetics) ² .	2
3	Errors and complications in orthopedic dentistry ¹ (fixed and removable prosthetics) ² .	2
	Total	12

¹ -Subject

² - essential content (if necessary)

Considered at the meeting of the Department for Prosthetic dentistry "17" May 2025, protocol No 11.

Head of the Department



V.I. Shemonaev