

APPROVED

at the methodical meeting
of the Department of Orthopedic Dentistry
Protocol No. 1 dated August 30, 2022.
_____Assoc.prof. V.S. Kukhta

**Thematic plan of practical lessons on
discipline Prosthetic Dentistry
3d Year, 5th Semester 2022-2023**

No	Topic	Hours
5.1.	Peculiarities of dental patient's examination in the clinic of prosthetic dentistry. Clinical and paraclinical methods of examination. Preliminary and conclusive diagnosis.	2
5.2.	Etiology and classification of tooth hard tissues defects. Indications for fixed prostheses fabrication. Basic and auxiliary materials used for their fabrication. Rules of teeth preparation, methods and instruments. Complications. Preservation of vital teeth during and after preparation. Preventive measures for the teeth vitality.	2
5.3.	Inlays. General characteristics. Classification. Indications. Fabrication methods. Materials. Biomechanical fundamentals of functioning. <i>Phantom teeth preparation for different types of inlays</i>	2
5.4.	Swaged metal crowns. General characteristics. Classification. Indications. Fabrication methods. Materials. Biomechanical fundamentals of functioning. Comparative characteristics. <i>Phantom teeth preparation for swaged metal crowns fabrication</i>	2
5.5.	Metal crowns. General characteristics. Classification. Indications. Fabrication methods. Materials. Clinical-laboratory stages of fabrication. Biomechanical fundamentals of functioning. Fundamentals, methods and peculiarities of casting procedure. <i>Phantom teeth preparation for metal casted crowns fabrication</i>	2
5.6.	Combined metal-acrylic crowns with casted framework. General characteristics. Classification. Indications. Fabrication methods. Materials. Biomechanical fundamentals of functioning. Complications. <i>Phantom teeth preparation for combined metal-acrylic crowns fabrication</i>	2
5.7.	Combined porcelain fused to metal crowns with casted framework. General characteristics. Classification. Indications. Fabrication methods. Materials. Biomechanical fundamentals of functioning. Complications.	2
5.8.	Peculiarities of different groups of teeth preparation for combined crowns on casted framework fabrication	2
5.9.	Clinical indications for the fixed partial (bridge-like) denture application. Constructional and biomechanical peculiarities. Biomechanical fundamentals of functioning. Complications.	2
5.10.	Indications, clinical and laboratory stages of metal-ceramic fixed partial dentures fabrication. Biomechanical fundamentals of functioning. Complications.	2

	<i>Phantom teeth preparation for metal-ceramic fixed partial dentures fabrication</i>	
5.11.	Non-metallic fixed prosthetic constructions : materials, technological peculiarities. Comparative characteristics. Complications.	2
5.12.	Provisional temporary crowns : indications, types, materials and methods of fabrications (direct and indirect techniques). Direct and indirect (laboratory) method of fabrication. Complications.	2
5.13.	Anesthesia in prosthetic dentistry clinical practice. Local and general complications after injective anesthesia. Emergencies: clinical manifestations, first aid.	4
5.14.	Factors that provide “abutment tooth-artificial crown” mechanical retention and physico- chemical adhesion. Materials for temporary and permanent cementation (luting) of fixed partial dentures: composition, physical-chemical properties, indications, methods of use. Practice skills of luting cement choosing and preparing..	2
	<i>Practical skills training of dental cements mixing and constructions fixation.</i>	
	Total	28