Thematic plan of seminar-type classes
in the discipline " Surgical methods of treatment of periodontal diseases. Basics of mucogingival surgery "
for students of 2020 year of admission
according to the educational program specialization 31.05.03 Dentistry,
direction Dentistry (specialty),
full-time education form
2024-2025 academic year

№	Topic	Ac.hours
10 semester		
1.	Marginal periodontitis, classification, etiology, pathogenesis. The role of surgical methods in the complex therapy of periodontal diseases	2
2.	Types of surgical procedures in the treatment of periodontal diseases. Indications and contraindications.	2
3.	The role of physiologic patterns of structure of periodontal complex tissues in diagnostic measures, determining the tactics of surgical treatment.	2
4.	The main surgical techniques are gingivectomy, gingivoplasty, and mucosal gingival surgery.	2
5.	Basics of mucogingival surgery. Features of flap formation, principles of atraumatic surgery with soft tissues.	2
6.	Flap operations on periodontal tissues. Classification. indications. Design of incisions, features of work with flaps	2
7.	Surgery for short frenulum of the tongue, lips. Vestibuloplasty.	2
8.	Bone resection surgery. Indications and objectives.	2
9.	Bone resection surgery to increase the height of the clinical crown	2
10.	Bone resection surgery to remove defects with bifurcation involvement	2
11.	Regenerative periodontal surgery. Principles of regenerative treatment. Indications for regenerative surgery and their goals, mechanisms of regeneration of periodontal complex tissues.	2
12.	Directed tissue regeneration, growth factors, bone materials, surgical technique	2
13.	Modern technologies in surgical methods of treatment of periodontal diseases. Classification. Indications for use	2
14.	Ultrasound in oral surgery. Fundamentals of piezosurgery. Indications, protocol of surgery.	2
15.	Mechanism of laser effect, the use of laser in the diagnosis and treatment of diseases of the oral cavity. Classification of devices using laser light, comparative characteristics.	2
16.	Laser use in surgical methods of periodontal disease treatment, incision shaping, root surface detoxification	2
17.	The use of thrombocyte-rich plasma in dentistry. Physiological substantiation. The use of thrombocyte-rich plasma in the complex therapy of periodontal diseases	2

18.	Plasmolifting in dentistry. Indications, protocol of procedure.	2
19.	Gingival recessions, classification. Evaluation of the role of the periodontal complex tissue structure in the development of gingival recessions. Etiopathogenesis of gingival recession, diagnosis. Non-surgical removal of gingival recessions.	2
20.	Classification of types of surgical treatment of gingival recessions, comparative characteristics, choice of tactics of surgical treatment.	2
21.	Coronary displaced flap. Indications, evaluation of the initial state of periodontal tissues and its role in predicting removal of periodontal attachment loss	2
22.	Coronary displaced flap - operative technique	2
23.	Coronary displaced flap for multiple recessions - operative technique	2
24.	Lateral displaced flap. Indications, operative technique.	2
25.	Principles of tissue mobilization, root surface treatment, medications used, physiological justification of the role of root surface treatment in the mechanisms of periodontal attachment repair	2
26.	Connective tissue grafts, classification, clinical and morphologic characteristics	2
27.	Donor areas. Influence of anatomical features on the tactics of graft selection and graft receipt	2
28.	Gingival mucosal grafts, characteristics, indications for use. Subepithelial grafts, characteristic, indications for use.	2
29.	Surgical techniques for obtaining connective tissue grafts. Complications of gingival recession removal. Complications associated with the receipt of gingival grafts, prevention, treatment.	2
30.	Intermediate certification	2
	Total	60

Considered at the meeting of the Department for Oral Surgery and Maxillofacial Surgery “8” June 2024, protocol №9.

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