

**Thematic plan of seminar-type classes
in discipline «Dentistry»
for students of 2023 year of admission
under the educational programme
cipher 31.05.01 General Medicine,
specialisation (profile) General Medicine
(Specialist's),
form of study full-time
for the 2025-2026 academic year**

№	Thematic blocks	Practical training within the framework of TB3	Hours (academic) 4
5 семестр			
1.	Organization of dental care for the population. Types of dental care. Issues of dental examination and prevention of dental diseases.1 Structure of a dental clinic, organization of a dental office, types of dental care, issues of dental examination of dental patients, prevention of dental diseases: primary, secondary, tertiary prevention, municipal prevention. Means and methods of prevention of dental diseases.2	PII	2
2.	Methods of examination of a dental patient. Evaluation of the results of examination of a patient.1 Methods of examination of a dental patient, the sequence and rules of conducting an interview, external examination of the patient, examination of the oral cavity, instrumental examination of the oral cavity, additional methods of examination, rules for filling out the medical history of an outpatient dental patient.2	PII	2
3.	Dental diseases: caries. Etiology, clinic, treatment, prevention.1 Etiology, pathogenesis, classification, clinic, diagnosis, treatment, prevention of caries. The influence of diseases of internal organs and the state of the body systems on the intensity of caries. The role of a general practitioner in the prevention of caries.2	PII	2
4.	Dental diseases: pulpitis, periodontitis. etiology, clinic, treatment, prevention.1 Etiology, pathogenesis, classification, clinic, diagnostics, differential diagnostics, treatment, prevention of pulpitis, acute and chronic periodontitis. Possible complications of pulpitis and periodontitis, their prevention.2	PII	2
5.	Periodontal diseases: gingivitis, periodontitis, parodontosis. etiology, clinic, treatment, prevention.1 Etiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics, principles of treatment, prevention of gingivitis,	PII	2

	periodontitis, parodontosis. Possible complications, their prevention.2		
6.	Diseases of the oral mucosa. Manifestations of somatic diseases in the oral cavity.1 Etiology, pathogenesis, classification, clinical manifestations, diagnosis, differential diagnosis, principles of treatment, prevention of diseases of the oral mucosa. Manifestations of diseases of the digestive system, diseases of the blood system and cardiovascular system in the oral cavity, the effect of diseases of the endocrine system on the oral cavity.2	PII	2
7.	Inflammatory diseases of the jaws: pericoronitis, periostitis, osteomyelitis. Clinic, diagnostics, differential diagnostics, treatment, rehabilitation, prevention. emergency care.1 Etiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics, principles of treatment, rehabilitation, prevention of periodontitis, periostitis, pericoronitis, odontogenic osteomyelitis, odontogenic maxillary sinusitis. The scope of emergency care by a general practitioner. Possible complications, their prevention.2	PII	2
8.	Local anesthesia in dentistry, instrumentation, technique of performance, indications and contraindications.1 Methods of local anesthesia used in dental practice for the relief of acute pain syndrome and the performance of tooth extraction, indications and contraindications to their performance, instrumentation, technique of performance, possible complications, their prevention.2	CM	2
9.	Tooth extraction surgery, indications and contraindications. Features of tooth extraction in the upper jaw and lower jaw. Instruments.1 Indications and contraindications for the extraction of permanent and deciduous teeth, the technique of tooth extraction in the upper jaw: selection of instruments, patient and doctor position, stages of the operation, treatment of the post-extraction wound. Possible general and local complications that occur during and after tooth extraction, their prevention and treatment.2	CM	2
10.	Inflammatory diseases of the maxillofacial region: abscesses and phlegmons. Clinic, diagnostics, differential diagnostics, treatment, rehabilitation, and prevention. Emergency care.1 Etiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics, principles of treatment, rehabilitation, and prevention of facial and neck abscesses and phlegmons. Scope of emergency care provided by a general practitioner. Possible complications and their prevention.2	PII	2
11.	Neodontogenic inflammatory diseases of the maxillofacial area. Clinic, diagnostics, differential diagnostics,	PII	2

	<p>treatment, rehabilitation, prevention. Provision of emergency care.1</p> <p>Etiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics, principles of treatment, rehabilitation, prevention of neodontogenic inflammatory diseases of the maxillofacial area. Scope of emergency care by a general practitioner. Possible complications, their prevention.2</p>		
12.	<p>Traumatology of the maxillofacial area. Soft tissue injuries of the face. Primary surgical treatment of facial wounds, principles of treatment. Rehabilitation.1</p> <p>Etiology, pathogenesis, classification, clinical manifestations, diagnosis, differential diagnosis, principles of treatment of soft tissue injuries of the maxillofacial area. Scope of emergency care by a general practitioner. Possible complications, their prevention.2</p>	PII	2
13.	<p>Facial bone injuries. Clinic, diagnostics, differential diagnostics, provision of emergency medical care at the stages of medical evacuation. Transport immobilization.1</p> <p>Etiology, pathogenesis, classification, clinical manifestations, diagnostics, differential diagnostics of facial skeleton bone injuries. Scope of emergency care by a general practitioner. Transport immobilization.2</p>	PII	2
14.	<p>Treatment of mandibular fractures. Possible complications and their prevention. Nutrition and care for patients with maxillofacial injuries.1</p> <p>Principles of treating facial skeletal bone injuries. Features of nutrition and care for patients with maxillofacial injuries. Rehabilitation.2</p>	PII	2
15.	<p>Treatment of fractures of the upper jaw and bones of the middle zone of the face. Features of treatment of patients with combined and multiple injuries.1</p> <p>Principles of treatment of patients with combined and multiple injuries of the maxillofacial area. Possible complications, their prevention. Rehabilitation. The role of doctors of different specialties.2</p>	PII	2
16.	<p>Oncology of the maxillofacial area. Tumor-like formations, benign tumors, precancerous diseases, malignant tumors of the jaws, face, and neck. Early diagnosis, features of the course and treatment, scope of emergency care, and preventive measures. Routing of patients with suspected maxillofacial cancer. Oncological vigilance in general medicine.1</p> <p>Etiology, pathogenesis, classification, clinical manifestations, diagnosis, differential diagnosis, principles of treatment of tumor-like formations, benign tumors, precancerous diseases, and malignant tumors of the maxillofacial region. The role and place of a general practitioner in their early diagnosis and prevention. Rehabilitation.2</p>	PII	2
	Monitoring the performance of independent work	-	

17.	Basic principles of reconstructive surgery of the maxillofacial area Reconstructive, plastic and aesthetic maxillofacial surgery.1 Developmental anomalies, defects and deformations of the maxillofacial area. Classification. Clinic. Methods of examination and surgical treatment. Features of plastic operations on the face and their planning.2	ПП	2
	Control of knowledge, skills, abilities	-	
	Total		34

1 – topic

2 – essential content

3 – RP – working with a patient; SM – simulation modules

4 – one thematic block includes several classes, the duration of one class is 45 minutes, with a break between classes of at least 5 minutes

Considered at the meeting of the Department of Surgical Dentistry and Maxillofacial Surgery, Minutes dated May 17, 2025, No. 9.

Head of the Department



Е.Н.Ярыгина