

**Brief description of the academic discipline (annotation)
for catalog of elective academic discipline**

Fundamentals of dentistry

(name of the selective discipline)

Specialty	Медицина
Educational level	Master
Year of study	V year
Form of study	Full-time
Department	Surgical dentistry and maxillofacial surgery

Summary of the course: knowledge of dentistry is important for a medical practitioner of any profession, especially in the field of emergency dental care. The tasks of training a general practitioner include situations, where he will use the advice of a specialist - a dentist and will be forced to diagnose and provide emergency dental care. This applies to such diseases as acute pulpitis, periodontitis, abscesses, phlegmons of the maxillofacial area, and also quite relevant at all times in patients with injuries of soft tissues and facial skeleton.

Approximate list of discipline's topics (practical - 10 hours):

1. Organization of dental care in Ukraine. Main stages of development of temporary and permanent teeth. Caries and its complications in temporary and permanent teeth in children.
2. Diseases of periodontal tissues in children. Manifestations of infections and somatic diseases of children in oral cavity.
3. Diseases of the hard tissues of the tooth, pulp and periodontum. Periodontal diseases: clinic, prevention and principles of treatment. Relationship between periodontal diseases and pathology of organs and systems (digestive, endocrine, cardiovascular, nervous).
4. Anesthesia in maxillofacial surgery. Inflammatory processes of the maxillofacial area.
5. Benign, malignant neoplasms of the maxillofacial area. Damages of soft tissues and bones of the maxillofacial area. Cranial - facial trauma.

(independent work - 10 hours)

1. Etiology, basic clinical signs, principles of treatment, prevention of caries of temporary and permanent teeth.
2. The main measures of primary prevention of dental diseases.
3. Differential diagnosis of pain syndrome in therapeutic dentistry.
4. Diseases of the oral mucosa.
5. Development of cranial - maxillofacial deformities, examination of patients.

The list of competencies, the acquisition of which will provide the discipline:

General competencies:

1. Ability to apply knowledge in practice;
7. Ability to abstract thinking, analysis and synthesis, the ability to learn and be modernly trained;
8. Ability to apply knowledge in practical situations.

Special (professional, subject) competencies:

1. Ability to establish a preliminary clinical diagnosis of the disease;
3. Ability to evaluate the results of laboratory and instrumental research.
4. Ability to determine the principles and nature of treatment of diseases;
6. Ability to carry out medical evacuation measures;
7. Ability to determine the tactics of emergency medical care.

The list of scientific - pedagogical (pedagogical) workers who will provide carrying out of educational discipline:

1. MD, PhD, Prof. N. Kuzniak.
2. PhD, Assoc. Prof. R. Dmytrenko.

Head of Department

N. Kuzniak