

Odessa National Medical University

Faculty of Dentistry

Department of Surgical Dentistry

Syllabus of disciplines.

Biopsy diagnosis of oncological processes of the oral cavity

Amount	60 hours \ 2 credits
Semester, year of study	VII semesters.
Days, time, place	VII semester - classes (2 hours) according to the schedule twice on week, 8.30-16.00; University Clinic (Mechnikova Street 2)
Teachers	Demid Alexander Ivanovich, Candidate of Medical Sciences, Assistant, Lungu Kateryna Valeriivna, assistant, Raylyan Alyona Viktorivna, assistant.
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Workplace	Office 5,6,7 University Clinic (Mechnikova Street 2)
Consultations	Eye consultations: Thursday from 14.30 to 18.00, Saturday 9.00-15.00 every week

Communications with students - face-to-face meetings, E-mail, zoom, Microsoft teams

ABSTRACT ABSTRACT

The subject of study of the discipline.

The subject of study of the discipline as morphological diagnosis of oncological processes of the oral cavity is to determine the etiopathogenesis and primary diagnosis of major oncological diseases of the maxillofacial area, as well as laboratory - diagnostic measures in the practice of dentist, differential diagnosis of various cancers and other cancers. life and practical treatment of the patient.

Prerequisites and postrequisites of the discipline:

<i>Semester</i>	<i>Subjects</i>	<i>Title of sections</i>	<i>Se- - -p</i>	<i>Surgical dentistry Section and topics</i>
1-2	Normal anatomy	12 pairs of cranial nerves. Skull. Upper and lower jaws, teeth Muscles of the head and neck	5	Anesthesia.
3-4	Normal physiology	Blood pressure Clinical and physiological methods of blood	5	Methods of examination of

		tests. Physiological mechanisms of pain and analgesia		the patient Anesthesia of the maxillofacial area
1-2	Histology, embryology and cytology	Connective tissues Intercellular substance Oral cavity Teeth. Anatomy and histology	7	Benign and malignant neoplasms of the maxillofacial area
3-4	Pathological anatomy	Inflammation. Immunopathological processes Compensatory -n rystosuvalni processes. Hypertrophy. Atrophy. Regeneration.	6	Inflammatory processes of the maxillofacial area
5	Pathological physiology	Inflammation Fever Extreme conditions . Pain, stress, shock, collapse , coma Allergy. Autoallergy	5 5	Inflammatory processes of the maxillofacial area Anesthesia of the maxillofacial area. Complications of anesthesia.
5-6	Operative surgery and top anatomy	Surgical instruments. Preparation of surgeon's hands and operating field. Local anesthesia . Separation and connection of tissues. Temporary and permanent cessation of bleeding. Topographic anatomy of the facial head. Ways of spreading purulent processes on the face. Facial surgery. Conductive and infiltration anesthesia. Incisions for phlegmons and abscesses. Ligation of arteries, external and carotid, lingual	5 6	Anesthesia of the maxillofacial area. Different methods of access during operations of taking biopsy material.
3-4	Medical chemistry	Biochemistry of blood and liver	5	Methods of examination of patients
5-6 8	General and clinical pharmacology	General pharmacology Clinical pharmacology	5	Anesthesia of the maxillofacial area, medical treatment of patients
4-8	Hospital surgery and dental surgery	Asepsis and antiseptics. Desmurgia.	5	Carrying out surgical interventions in the maxillofacial area
4	Propaedeutists	Methods of examination of the patient	5	

	inside diseases			
7	Social medicine, health management and economics	Problems of medical deontology and medical ethics. Organization of the dental clinic Analysis of the performance of the dental clinic. Insurance medicine	5 5	In the examination and treatment of cancer patients. Organization of a surgical dental department (office, dental clinic, hospital). Maintaining the necessary documentation
7	Otorhino-laryngology	Acute and chronic sinusitis	6	Acute and chronic odontogenic sinusitis
3 7	Therapeutic dentistry	Anatomy and histology of teeth. Features of anatomical and histological structure of the oral cavity.	5	Surgical methods of treatment.
5-6	Orthopedic dentistry	Topographic and functional anatomy of the maxillofacial area. The main groups of teeth and their anatomical and functional characteristics. Anatomical and functional structure of the periodontium. Anatomy and function of the muscles of the maxillofacial area, temporomandibular joints.	5	Tooth extraction operation Diseases of the temporomandibular joint

Post-requisites of the discipline

Indicate disciplines for the study of which requires knowledge and skills acquired after the study of this discipline

The purpose of the discipline.

Training of a doctor who has mastered the theory and practice, diagnosis and differential diagnosis of various cancers of the maxillofacial area and oral cavity, starting with the organization of the surgical department of the dental clinic and oncology hospital for primary diagnosis of cancer and their differential diagnosis, providing diseases of various etiology and localization.

Tasks of discipline.

The objectives of the discipline of diagnosis of oncological processes of the oral cavity are: the ability to examine the patient, the study of the leading syndromes and symptoms in surgical dentistry, justification and formulation of the preliminary diagnosis; ability to analyze the results of the examination and make a differential diagnosis, make a final diagnosis of malignant neoplasms, Take into account the possibility of respiratory, swallowing, smell, sight and other functions, to predict the body's response to certain therapeutic effects.

Expected results:

To form the responsibility of the student, as a future specialist, for the level of his training and its improvement during his studies and professional activity. The student must master the principles of examination of patients: know the importance of special and auxiliary methods of examination for the differential diagnosis of cancer, etiology and pathogenesis of major malignancies, their impact on organs and systems of the human body, clinical manifestations of oral cancer and indications for various diagnostic methods. treatment; prevention, clinic and treatment of malignant processes of the maxillofacial area, the main stages and methods of taking biopsy material, asepsis and antiseptics, principles and methods of anesthesiology, general and local anesthesia, develop a treatment plan and tactics, establish a primary (preliminary) diagnosis based on analysis of the obtained results.

9. DESCRIPTION OF THE COURSE:

Forms and methods of teaching:

The discipline will be presented in the form of lectures (10 hours) and seminars (10 hours), organization of independent work of students (40 hours).

During the teaching of the discipline the following methods are used: theoretical questioning, testing, solving situational problems with the help of interactive and multimedia technologies.

Course content:

Lecture topics	Number of hours
1. History of modern oncology.	2
2. Diagnosis of malignant neoplasms of the oral cavity. See cancer. Sarcomas.	2
3. Differential diagnosis of malignant neoplasms of the maxillofacial area and oral cavity.	2
4. Substantiation of use of various methods of laboratory diagnostics of oncological processes. (Biopsy).	2
5. Preparing the patient for biopsy (anesthesia, premedication, complications.)	2
Hours in general	10
Topics of practical classes	

1. Features of examination of patients with oncological diseases.	2
1. Modern methods of laboratory diagnostics.	2
2. Etiology, pathogenesis of malignant neoplasms of the oral cavity.	2
3. Classification, clinic, differential diagnosis of oncological processes of the maxillofacial area.	2
4. Prevention and prediction of complications in the treatment of cancer.	2
5. Final lesson.	2
Hours in general	10
Themes of independent works	
1. Precancerous diseases of the oral mucosa.	8
2. Organization of oncology services. General principles of diagnosis and treatment of malignant neoplasms	8
3. Classification of oncological diseases	6
4. Features of cancer clinic of different localizations in the oral cavity	6
5. Diagnosis and treatment of cancer of the lips, tongue and mouth	6
6. The role of radiation therapy in the treatment of cancer.	6
Hours in general	40

List of recommended reading

1. Бернадський Ю.Й. Основи щелепно-лицевої хірургії і хірургічної стоматології. К. Спалах, 2003.- 512 с.
2. Ганина К.П. Налескина Л.А. Злокачественная меланома и предшествующие изменения кожи. – Киев, 1991г.
3. Любаев В.Л, Шенталь В.В., Пачес А.И. и др. Дифференцированный подход к выбору тактики лечения злокачественных опухолей головы и шеи основных локализаций. // Сб. научн. трудов. М., 1993. – С.50 – 61.
4. Основи стоматології / Под ред. В.О.Маланчука. – К.: Медицина, 2009. – 591 с.
5. Руководство по хирургической стоматологии и челюстно-лицевой хирургии: В 2-х томах. / Под ред. В.М.Безрукова, Т.Г.Робустовой. - Изд. 2-е, перераб. и доп. - М.: Медицина, 2000. – 776с.
6. Пачес А.И. Опухоли головы и шеи.- М., Медицина 2000г.
7. Тимофеев А.А. Руководство по челюстно-лицевой хирургии и хирургической стоматологии. - К.: Червона Рута-Турс, 2004. - 1061 с.
8. Тимофеев А.А. Челюстно-лицевая хирургия . - Киев.: ВСИ „Медицина”, 2010. - 574 с.
9. Хирургическая стоматология в схемах и таблицах: Учеб. пособие для студентов и врачей-интернов/ Г.П.Рузин, А.А. Дмитриева - Харьков: ХГМУ, 2001. - 108 с.
10. Хірургічна стоматологія та щелепно-лицева хірургія: підручник;у двох томах. – Маланчук В.О. та ін.. - Київ, „Логос”, 2011. - т.1 – 672 с., т.2 – 606 с.
11. Хирургическая стоматология. Учебник./Под ред. Робустовой Т.Г. — М.: Медицина, 2015.

EVALUATION

Methods of current control

Current control is carried out on the basis of daily control of theoretical knowledge, practical skills in accordance with the specific objectives of each topic by oral control, test computer control using a database of test and situational tasks on the website of the department, at each practical lesson on 4 points traditional scale. At the end of the discipline, the current performance is calculated as the average current score.

Forms and methods of final control

The form under bag control is an oral exam. At the end of the course students take a differential test (final control). The theoretical part of the PC includes answers to questions in the ticket, solving a practical problem or solving test problems (in the amount of 30), selection and explanation of the surgical instruments for the operation .

How will the assessment of knowledge (distribution of points) of higher education students be carried out? (bonus points

Independent work of student

Independent work of students (VTS) is one of the organizational forms of learning, which is regulated by the working curriculum and is performed by students independently outside the classroom. The following types of independent work of students are possible: preparation for practical classes and study of topics that are considered only in terms of independent student work , search and study of additional literature, writing essays, reports for presentations in practical classes.

DISCIPLINE POLICY ("GAME RULES")

The student must acquire knowledge, perform all types of educational tasks, pass all types of educational control, attend all types and forms of classes provided for in the curriculum, avoiding omissions and delays.

Deadline and recompilation policy.

The student completes the missed lecture in the form of writing an abstract on the topic of the lecture. The student completes the missed practical lesson either in the form of writing an essay on the topic of the lesson, or by interviewing the teacher on duty (twice a week on Thursday and Saturday).

Academic Integrity Policy

Adherence to academic integrity by students involves independent performance of educational tasks, tasks of current and final control of learning outcomes.

Unacceptable in the educational activities of participants in the educational process is the use of family or work ties to obtain a positive and higher assessment in the implementation of any form of control of learning outcomes, the use of prohibited aids or technical means (cheat sheets, headphones, telephones, smartphones, etc.); passing of procedures of control of results of training by fictitious persons.

For violation of academic integrity, the applicant may be held subject to the following academic liability:

- reduction of assessment results (exam, test, etc.),
- re-assessment (exam, test, etc.),

- appointment of additional control measures (additional individual tasks, tests, etc.),
- re-passing the relevant educational component of the educational program,
- deprivation of the right to participate in competitions for scholarships,
- deprivation of tuition benefits provided by the University,
- deductions from the university.

Attendance and lateness policy.

Absence of a student at lectures or practical classes is noted in the journal of visits in the form of a mark "nb", delay - "op". The student must work off the practical classes for 2 weeks.

Mobile devices

The student can use technical means (phones, smartphones, tablets) when compiling a test computer control using a database of test and situational tasks that are on the website of the department.

Behavior in the audience.

It is important for students to follow the rules of good behavior at the university. These rules are common to all, they also apply to all faculty and staff, and are not fundamentally different from the generally accepted norms.

During classes

●allowed:

- leave the audience for a short time if necessary and with the permission of the teacher;
- drink soft drinks;
- take photos of presentation slides;
- take an active part in the lesson).

●forbidden:

- eat (except for persons whose special medical condition requires another - in this case, medical confirmation is required);
- smoking, drinking alcohol and even low-alcohol beverages or drugs;
- use obscene language or use words that offend the honor and dignity of colleagues and faculty;
- gambling;
- damage the material and technical base of the university (damage inventory, equipment; furniture, walls, floors, litter the premises and territories);

shouting, shouting or listening to loud music in classrooms and even in corridors during classes.