PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Surgical Diseases with the course of Obstetrics and Gynecology and the course of Pediatrics and Children's Infectious Diseases

SYLLABUS
EDUCATIONAL DISCIPLINE

" ONCOLOGY"

LEVEL OF HIGHER EDUCATION ***Second (master's) level***

DEGREE OF HIGHER EDUCATION ***Master***

FIELD OF KNOWLEDGE ***22 Healthcare***

SPECIALTY ***221 Dentistry***

Considered and approved at the meeting of the
Department of Surgical Diseases with the course of Obstetrics and Gynecology
and the course of Pediatrics and Children's Infectious Diseases
Protocol № 1 from "01" вересня 2020

Doc.Med.Sc., professor O.O. Goncharuk

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1. general information	
Subjects	oncology
Teacher (s)	Gryb O. M.
Teacher's contact phone number	+38(067)773- 87-44
Teacher's e-mail	Gryb.s.o.@gmail.com
Discipline format	Normative discipline
The scope of discipline	30
Link to the distance learning site	
Consultations	During the semesters in accordance with graphics

2. Discipline abstract

Oncology - science of malignant neoplasms, the main tasks of which are: studying of etiology, pathogenesis, carcinogenesis of malignant tumors, prevention of cancer, organization and development of early and timely diagnostics, improvement of surgical, radiation, medical and combined treatment methods, as well as rehabilitation measures. Thus, oncology is a comprehensive science that includes morphology, physiology and pathophysiology, chemistry, biochemistry, immuno-histochemistry, genetics and immunogenetics, molecular biology.

The subject of educational discipline "Oncology" is malignant formation of the human body, the causes of their occurrence, development mechanisms, clinical course, methods of early diagnosis, treatment and prevention.

3. The purpose and objectives of the discipline

The purpose of studying the discipline *"*oncology*":*

The purpose of teaching the discipline "Oncology" involves the assimilation of theoretical and practical knowledge of etiology, pathogenesis, typical and atypical clinical manifestations of oncological diseases, diagnostic methods, conservative and operational treatment, rehabilitation of oncological patients within the framework of the preparation of a general profile doctor taking into account the peculiarities of its specialty.

The objectives of styding the discipline *"*oncology*":*

The main tasks are:

1. Study of the foundations of theoretical oncology;
2. Study of basic nosological forms of malignant tumors of skin, head and neck, their clinical manifestations, peculiarities of the course and methods of diagnosis;
3. acquaintance with the organization of cancer assistance to the population and with modern principles of treatment of cancer patients;
4. Development of practical skills on organizing oncological assistance, prevention, clinics and early diagnosis of malignant tumors of the maxillofacial area and rehabilitation of patients;
5. Study of clinical signs and methods of early diagnosis of tumors and cancer prevention;
6. Determination of the tactics of a dentist doctor in suspicion of a malignant tumor.

4. Learning outcomes (competencies)

As a result of studying the discipline *"*oncology*"*

KNOW:

- • history of development and the current state of scientific knowledge in the specialty "Oncology", reasons for development, peculiarities of the course
- • benign and malignant neoplasms of various localization, their classification, clinical manifestations, diagnostic criteria, differential diagnostics, forecast, modern diagnostic, prevention standards, and
- Treatment, emergency assistance in critical states in oncological
- Practices, actual scientific tasks and problems of oncology.

• BE ABLE TO:

- • Conduct diagnostics and treatment of the most common malignant

- diseases in a hospital conditions in accordance with national
- standards and protocols using modern science achievements and
- techniques;
- • Perform diagnostic procedures and interpret results
- Modern methods of research, carry out individual laboratory and
- Instrumental studies independently within scientific work.
- • Determine the possibility and choose the method of radiation therapy of tumors and
- non-tumbling diseases;
- • diagnose malignant tumors that relate to a group of visual
- Localizations (finger survey of the rectum, review and palpation
- Milk and thyroid glands, peripheral lymph nodes and tumors
- skin;
- • Apply medical information technology and medical literature in diagnosis and treatment of malignant diseases;
- • Pass Patent-Information Search for the selected scientific topic
- Research in domestic and foreign sources, science-metal
- bases;

5. Organization of the study of the discipline

The volume of the course

Type of lesson	***Total number of hours 30***
Lectures	6
Seminars	14
Independent work	10

Signs of the course

Semester	Specialty	Course (year of study)	Normative / selective
8	221 Dentistry	4	Normative

Course topics

Theme, plan	Form of employment	literature	Tasks, hours	Estimation weight	Deadline
Content module 1. Tumors of digestive tract					
Topic 1. Skin cancer. Melanoma. Head and neck tumors: lip cancer, tongue cancer, cancer	practical	1- 9	7 hours	40	According to the schedule
Topic 2. Head and neck tumors: lip cancer, tongue cancer, cancer mucous membrane, laryngeal cancer, shield cancer.	practical	1-9	7 hours	40	According to the schedule

6. Course evaluation system

	General course evaluation system
	Current control is based on the control of theoretical knowledge, skills and abilities in practical classes. The student's independent work is assessed in practical classes and is part of the final assessment of the student. Current control is carried out during classes and aims to verify the assimilation of students' learning material. Forms of current control are: a) test tasks with the choice of one correct answer, with the definition of the correct sequence of actions, with the definition of compliance; b) individual oral examination, interview;

c) solving typical situational problems;
d) control of practical skills;
e) solving typical tasks of diagnosis, medical care, medical evacuation, treatment and prevention.
Grades in the national scale ("excellent" - 5, "good" - 4, "satisfactory" - 3, "unsatisfactory" - 2), received by students, are displayed in the journals of attendance and academic group performance.
Final control of learning success is carried out in the form of diff. credit (oral and test tasks).
The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.
The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-бpoint scale	120-point
5	120	4,45	107	3,91	94	3,37	81
4,95	119	4,41	106	3,87	93	3,33	80
4,91	118	4,37	105	3,83	92	3,29	79
4,87	117	4,33	104	3,79	91	3,25	78
4,83	116	4,29	103	3,74	90	3,2	77
4,79	115	4,25	102	3,7	89	3,16	76
4,75	114	4,2	101	3,66	88	3,12	75
4,7	113	4,16	100	3,62	87	3,08	74
4,66	112	4,12	99	3,58	86	3,04	73
4,62	111	4,08	98	3,54	85	3	72
4,58	110	4,04	97	3,49	84	Less 3	Not enoug
4,54	109	3,99	96	3,45	83		
4,5	108	3,95	95	3,41	82		

The maximum number of points that a student can score during the final control of the student's acquisition of knowledge is 80 points.

Table 2. Scale of assessment of differentiated (exam) credit:

National scale	Score scale
«5»	**70-80**
«4»	**60-69**
«3»	**50-59**

Assessment of the final control is considered credited if the student scored at least 60% of the maximum amount of points (for a 200-point scale - at least 50 points).

The final number of points that the student scored in the discipline is defined as the sum of points for the current educational activity (Table 1) and for the final control (differentiated credit) (Table 2).

Requirements for final test control

The final test control is credited to the student if he demonstrates the possession of practical skills and scored at least 50 points in the test control of theoretical training.
The maximum number of points for the final control of the student (differential test) - 80 points.
Criteria for assessing students for final control are carried out according to the scheme:
"2" - 0-49 points;
"3" - 50-60 points;
"4" - 61-70 points
"5" - 71 - 80 points

Assessment of the final test task is carried out by dividing the maximum score of the final control - 80 - by the number of test questions in the variant and multiplied by the number of correct test answers of the student.

Practical training	Module 1
Classroom work (Content module 1)	
T 1-11	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	0
Test	20
Working in pairs	30
Abstract	*50*
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.

7. The policy of studying the discipline

The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.

8. Recommended literature

Basza:	1. Selected lectures on clinical oncology: teach. manual. / Bodnar GV, Duman Yu. V., Antipova SV, Popovich O. Yu. Et al. - Lugansk: OJSC Lugansk Oblast Printing House, 2009.- 560 p. 2. Galaychuk I.Y. Clinical Oncology. Part and: a manual. - Ternopil. Ukrmedkniga, 2003. - C 7-17. 3. Oncology: PC. Meals. for the studio. to you. honey. the UF. . III - IV ur. Accred. / Bashtan V.P., Zhukova T. A., Korneyev O. V. and DR, Ed. V.P. Bashtana, P. V. Shelko, V. E. Lytovchenko. - Poltava: OOO "ACMA", 2013. - 336 p. 4. Oncology. Selected lectures for students and doctors / edited by V. F. Cahun. - Kiev: Health of Ukraine, 2010. - 768 p. 5. Oncology: Tutorial / G. V. Bodnar, Yu. V. Dumansky, O. Yu. Popovich, etc.; ed. G. V. Bodnar, Yu. V. Dumansky, O. Yu.Popovich. - K.: All "Medicine", 2013. - 544 p. 6. Oncology / Ed. V.P. Bashtana, A. L. Odabashyana, P. V. Sheleshka. - Ternopil: Ukrmedkniga, 2003. - 316 p.
Auxiliary:	7. Galaychuk I.Y. Clinical Oncology. Part and: a manual. - Ternopil. Ukrmedkniga, 2003. - C 7-17. 7. Practical oncology: Izbranny lectures. Ed. S. A. Tyulyudina and V. Moiseienko, St. Petersburg: Center Tommy, 2004. - 784 p. 8. TNM classification, 7th edition. Fecić T. G.,

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Senior lecturer of the department _____