

**DANYLO HALYTSKY LVIV NATIONAL MEDICAL UNIVERSITY
DEPARTMENT OF ONCOLOGY AND RADIOLOGY**

**PROGRAM AND DISTRIBUTION OF HOURS ON SUBJECT “ONCOLOGY” for
Vth-course foreign students of general medicine faculty (2023-2024 years of study) **training
of specialists of the second (master's) degree of higher education field of knowledge 22
“Health care”, specialty 222 “Medicine”****

	LECTURES (Prof. Bilynsky B.T.)	Date	Hours
1.	General term “tumor”. Epidemiology of cancer. Etiology of cancer. Chemical and biological cancerogenic factors	04.09.	2
2.	Carcinogenesis at different levels: cell, tissue, organ, organism	18.09.	2
3.	Clinical stages and morphology of cancer	02.10.	2
4.	Modern methods of diagnostics of cancer	16.10	2
5.	Modern methods of treatment of cancer	30.10	2
	Total		10

	PRACTICAL CLASSES	Hours
1.	Lips and oral cavity cancer. Clinical presentation, diagnostics, methods of treatment	4,5
2.	Esophageal and stomach tumors. Clinical presentation, diagnostics, methods of treatment	4,5
3.	Colon and rectum cancer. Liver and pancreas cancer. Clinical presentation, diagnostics, methods of treatment	4,5
4.	Lung cancer. Tumors of mediastinum. Clinical presentation, diagnostics, methods of treatment	4,5
5.	Breast tumors. Clinical presentation, diagnostics, methods of treatment	4,5
6.	Skin cancer and melanoma. Clinical presentation, diagnostics, methods of treatment	4,5
7.	Cervical, uterine and ovarian cancer. Clinical presentation, diagnostics, methods of treatment	4,5
8.	Kidney cancer, ureter and bladder cancer. Clinical presentation, diagnostics, methods of treatment	4,5
	Total	36

	OUTCLASSES	Hours
1.	Cancer statistics. Intensive and extensive rates. Descriptive and analytical epidemiology.	2
2.	Systemic influence of tumor on organism. Syndrome of endogenic intoxication of oncological patients. Paraneoplastic syndrome. Multiple organ dysfunction syndrome.	2
3.	Clinical stages. Principles of tumor classification according to stage, tumor size, spreading or penetration in other organs or tissues, presence of metastasis to regional lymph nodes or distant metastasis. TNM-classification: clinical and pathomorphological. Categories Tx, Nx, Mx, T0, cT, cN. Tumor grade (G). Clinical groups.	2
4.	Elements of clinical morphology. Tumor growth from microscopic inception (intraepithelial and microinvasive cancer) to manifest tumor in time categories. Exophytic, endophytic and mesophytic forms of cancer growth. Features of their distribution in tissues. Category R (Rx, R0, R1, R3).	2

5.	Groups of increased oncological risk. Induction period, invasion phase, dissemination phase. The role of unconditional and conditional factors in the formation of a risk group. Professional, social and household, constitutional and climate-geographic risk factors. Questionnaire method of formation of risk groups. The role of formation of risk groups for the effective fight against tumor diseases	2
6.	Deontology in oncology. Specificity of deontology in oncology. Peculiarities of contact with the patient and his relatives. The role of a personal example of a doctor in the prevention and treatment of oncological diseases.	2
7.	Restorative treatment of cancer patients. The concept of "rehabilitation". Components of rehabilitation - medical, social, professional. Palliative care. The role of the hospice in providing care to cancer patients.	2
8.	Principles of organization of anti-cancer services. The Union for International Cancer Control. The structure of the oncology service. National Cancer Institute of Ukraine. Regional oncological centers. District oncological hospitals. Oncological schools.	2
9.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Lips and oral cavity cancer”: gathering complaints, anamnesis, general examination of patient, palpation of peripheral lymph nodes.	3,5
10.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Esophageal and stomach tumors”: gathering complaints, anamnesis, general examination of patient, palpation of peripheral lymph nodes and organs of abdomen cavity, detecting free liquid in the abdominal cavity. Esophagoscopy and gastroscopy, introducing tube into stomach.	3,5
11.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Colon and rectum cancer”: gathering complaints, anamnesis, general examination of patient, palpation of different parts of colon, finger rectal examination, techniques of colonoscopy and rectoromanoscopy. Topic “Liver and pancreas cancer”: gathering complaints, anamnesis, general examination of patient, deep methodical palpation of liver, pancreas, detecting free liquid in the abdominal cavity.	3,5
12.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Lung cancer”: gathering complaints, anamnesis, general examination of patient, palpation of thorax and regional lymph nodes, auscultation and percussion of lungs, detecting free liquid in the thoracic cavity, bronchoscopy, pleural puncture	3,5
13.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Breast cancer”: gathering complaints, anamnesis, general examination of patient, palpation of breasts and regional lymph nodes; biopsy of breast.	3,5
14.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Skin cancer, melanoma”: gathering complaints, anamnesis, general examination of patient, getting scabies from tumor.	3,5
15.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Cervical, uterine and ovarian cancer”: gathering complaints, anamnesis, general examination of patient, palpation of regional lymph nodes.	3,5

16.	Preparing to practical classes – theoretical preparation and study of methods of physical and instrumental examination of the patient on the topic “Kidney cancer, ureter and bladder cancer”: gathering complaints, anamnesis, general examination of patient, bimanual investigation, getting a flush from genital organ, cystoscopy, rectal examination	3,5
Total		44

01.09.2023

**Head of department of oncology
and radiology**

DM, professor, VOLOD'KO N.A.

Group	Lecturer	Time of classes	Location
Group 1	Slipetsky R.R.	Tuesday, 1 st week	5 th floor, Department of Oncology and Radiology
Group 2	Slipetsky R.R.	Wednesday, 1 st week	5 th floor, Department of Oncology and Radiology
Group 3	Fetsych M.T.	Thursday, 2 nd week	5 th floor, Department of Oncology and Radiology
Group 4	Fetsych M.T.	Tuesday, 2 nd week	5 th floor, Department of Oncology and Radiology
Group 5	Slipetsky R.R.	Wednesday, 2 nd week	5 th floor, Department of Oncology and Radiology