

**Plan of practical course «Oncology» for 5 course students of medical faculties**

Topic of practical training	
1.	Organization of oncological care. Epidemiology and etiology of malignant tumors growth. Modern theories of cancerogenesis. The main regularities of development of malignant tumors. Oncogenes. Valuation of spreading of process: staging, TNM classification. Mortality and morbidity of malignant tumors. The primary and secondary prophylaxis. Deontological principles in oncology
2.	Diagnostic methods of malignant tumors. Analysis of complaints and anamnesis data oncological patient. The peculiarities of objective examine by suspicion on malignant tumors. Endoscopy, ultrasonography, Rø-logical examination, computer tomography, MRI. Laboratory examination: blood tests, immunology tests. Examination of patient at ambulant stage. Dispensary system. Kinds, methods and periodicity of prophylactic examines. Groups of high risk. Principles of treatment of malignant tumors. Classification of treatment methods. The main principles of surgical operations. Concept about operability and resectability. Types of surgical operations. Methods and types of radiation therapy. Pharmaceutical therapy of malignant tumors. Classification of chemotherapeutical drugs. The basic principles of chemotherapy
3.	Precancerous diseases of mammary gland. Mastopathies. Etiopathogenesis. Risk factors. Classification. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Breast cancer. Morbidity. Risk factors. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis.
4.	Lung cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Mediastinal tumors (thymoma, lymphosarcoma, teratoma). Morbidity. Classification. Clinical manifestation. Diagnostics. Surgical treatment. Mesothelioma. Etiopathogenesis. Clinical manifestation. Diagnostics. Treatment. Prevention.
5.	Oesophageal cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Gastric cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Manifestation. Diagnostics. Treatment. Prevention. Prognosis. Liver cancer. Morbidity. Risk factors. Precancerous diseases. History classification. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Pancreatic cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Colon cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Manifestation. Diagnostics. Treatment. Prevention. Prognosis. Rectal cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Peculiarities of metastasize. Diagnostics. Treatment. Prevention. Prognosis.
6.	Head and neck tumors. Thyroid cancer. Tonge and oral cavity cancer. Lip cancer. Skin cancer. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Melanoma. Epidemiology. Risk factors. Peculiarities of metastasize. Staging. Clinical manifestation. The main signs of the nevuses

	<p>malignisation. Methods of special examination. Treatment. Prevention. Prognosis. Tumors of the bones and soft tissue. Morbidity. Risk factors. Precancerous diseases. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis.</p>
7.	<p>Gynecological cancers. Etiology. Risk factors. Symptoms. Diagnosis. Staging. Treatment: surgery, chemotherapy, radiotherapy, hormone therapy. Prognosis. Prevention. Kidney cancer. Prostate cancer. Morbidity. Classification. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis. Lymphogranulomatosis. Epidemiology. Etiology and pathogenesis. Morphology. Staging. Clinical manifestation. Diagnostics. Types and technique of biopsy. Treatment. Prevention. Prognosis. Non-Hodgkin lymphoma. Morbidity. Risk factors. Etiopathogenesis. Morphology. Staging. Clinical manifestation. Diagnostics. Treatment. Prevention. Prognosis.</p>