

# CLINICAL ONCOLOGY PROGRAM

## FOR MEDICAL STUDENTS

V course, Second semester

№	TOPIC - TWO STUDY HOURS
1.	Malignant diseases - what does the physician have to know? Principles of drug treatment of solid tumors. Conventional chemotherapy. Targeted therapy. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>
2.	Principles of radiation oncology - indications, side effects, complications. Principles of radiosurgery. <i>Dr Veselin Popov, MD, PhD</i>
3.	Clinical application of radiation oncology in solid tumors - main indications for various malignant neoplasms. <i>Dr Veselin Popov, MD, PhD</i>
4.	Malignant tumors of the lung - staging, complex treatment. Gynecologic cancers - staging, treatment. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>
5.	Breast cancer - genetic features, diagnosis, staging, principles of therapy. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>
6.	Gastrointestinal cancers - genetic features, staging, principles of treatment. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>
7.	Genitourinary cancers - staging, principles of treatment. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>
8.	Nuclear medicine: metabolic imaging (SPECT-CT; PET-CT, PET-MRT). <i>Prof. Elena Piperkova, MD, PhD, DSc</i>
9.	Role of metabolic radionuclide therapy in oncology. <i>Prof. Elena Piperkova, MD, PhD, DSc</i>
10.	Soft tissue sarcomas. Bone tumors. Cancer of unknown primary (CUP). Metastatic disease - a modern concept. <i>Assoc. Prof. Ivanka Nenova, MD, PhD</i>

LECTURE - SATURDAY, 10.00

HEAD OF DEPARTMENT CLINICAL ONCOLOGY

Prof. Zhanet Grudeva-Popova, MD, PhD



# Exercise program in Clinical oncology

## Summer Semester

### **Exercise № 1**

1. Primary and metastatic brain tumors
  2. Cancer of unknown primary (CUP)
  3. Malignant neoplasms of the head and neck
  4. Malignant neoplasms of the thyroid gland
- Presentation of clinical cases by localization*

### **Exercise № 2**

1. Non-small cell lung cancer
  2. Small cell lung cancer
  3. Malignant mesothelioma
  4. Breast cancer
- Presentation of clinical cases by localization*

### **Exercise № 3**

1. Esophageal cancer
  2. Stomach cancer
  3. Pancreatic cancer
  4. Hepatocellular carcinoma
  5. Colorectal cancer
- Presentation of clinical cases by localization*

### **Exercise № 4**

1. Cervical cancer
  2. Carcinoma / sarcomas of the uterine body
  3. Ovarian cancer
  4. Malignant mesenchymal tumors - sarcomas (GIST)
- Presentation of clinical cases by localization*

### **Exercise № 5**

1. Malignant tumors of the testicles
  2. Prostate cancer
  3. Renal cell carcinoma
  4. Bladder cancer
- Presentation of clinical cases by localization*

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