

## Clinical Oncology (5th year):

Dear Students,

welcome in Department of Comprehensive Cancer Care (KKOP) of Masaryk Memorial Cancer Institute (MMCI) and Faculty of Medicine, Masaryk University Brno.

The teaching scheme of Clinical Oncology courses is following:

### Week 1

- Monday, Tuesday and Wednesday – MMCI - KKOP
- Thursday and Friday – KDO (Dpt. of Children's Oncology) FDN Černopolní

### Week 2

- Monday and Tuesday – Clinic of Radiation Oncology + onco-gynaecology (MMCI)
- Wednesday - IHOK (Haemato-oncology) FN Brno
- Thursday and Friday – KKOP + Clinic of Surgical oncology + uro-oncology (MMCI)

## Oncological Courses in MMCI:

	7.30 - 8.15	8.15 - 9.00	9.15 - 10.00	10.00-10.45	11.00-11.45	11.45-12.30
	1	2	3	4	5	6
MO	Systemic oncological treatment		Palliative care + cancer pain		Urological tumors	
TU	Emergencies + supportive care		Precise oncology	Breast cancer	Clinical internship 1	
WE	Gastrointestinal cancers		Communication	Lung cancer	Clinical internship 2	
THU	Paediatric oncology					
FRI	Paediatric oncology					
MO	Radiation oncology				Onco-gynaecology	
TU	Radiation oncology					
WE	IHOK - haematooncology					
THU	Nuclear medicine	Clinical cancer genetics		Pharmacy	Onco-urology	
FRI	Onco-surgery					Evaluation + credits

## Detailed Schedule:

### **Week 1:**

#### Monday, Tuesday + Wednesday – **Clinic of Comprehensive Cancer Care:**

- 9 educational seminars (topics as follows) and 2 clinical internships:
  - A. **Palliative care, tumor pain and its treatment** - 2 hours
  - B. **Systemic treatment overview + introduction to oncology** – 2 hours
  - C. **Breast cancer** - 1 hour
  - D. **Most frequent gastrointestinal cancers** (colorectal cancer, gastric cancer, pancreatic cancer) - 2 hours
  - E. **Most frequent urological cancers** (testicular, prostate, bladder and renal cancer)- 2 hours
  - F. **Emergencies in Oncology + supportive care** (side effects of anticancer therapy and their management) - 2 hours
  - G. **Communication Issues in Oncology** - 1 hour
  - H. **Lung cancer** - 1 hour
  - CH. **Precise Oncology** - 1 hour
    - **the sequence of particular seminars is variable** – see the actual schema

#### Thursday and Friday – **Paediatric oncology (KDO FN Brno)**

### **Week 2:**

#### Monday - **Clinic of Radiation Oncology:**

7,30 - 9,30	Basics of radiotherapy (RT)	prof. Šlampa
10,00 - 10,30	Side effects of RT	dr. Hynková
10,30 - 10,50	RT Planning	dr. Doleželová
10,50 - 11,10	RT of brain tumours	dr. Kazda
11,00 - 12,30	<b>Onco-gynaecology</b> – practical lessons	

#### Tuesday - **Clinic of Radiation Oncology:**

7,30- 8,00	Stereotactical RT and Radiosurgery	dr. Hynková
8,00-8,30	Brachytherapy	prim. Princ
8,30-9,00	RT of breast cancer	dr. Rak
9,00-9,30	Protons vs Photons	dr. Rak
10,00-10,30	RT of prostate cancer	dr. Krupa
10,00-12,00	RT of head and neck cancers	dr. Slávik
11,30 - 12,10	Practical lessons	

#### Wednesday – **Haematooncology – IHOK FN Brno**

#### Thursday - **Clinic of Comprehensive Cancer Care + Clinic of Surgical Oncology:**

7,30 - 8,15	Radioisotops in Diagnostics and Treatment	prim. Řehák
8,15 - 9,45	Hereditary Malignancies	doc. Foretová
10,00 - 10,45	Pharmacy	dr. Synek / dr. Goněc

11,00 – 12,30 **Onco- urology** – practical lessons

Friday - **Clinic of Surgical Oncology:**

7,30 - 9,00 Clinical Seminar – Onco- surgery

9,15 - 11,45 Onco- surgery – practical Lessons

12,00 – 12,30 **Evaluation + credits** – KKOP MMCI

---

**We highly recommend prior theoretical preparation:**

**Recommended study materials for Clinical Oncology in 2020/2021:**

**Vyzula R., Nemecek R., Sláma O. a kol.: Clinical oncology for medical students – solid and childhood tumors – second updated issue, LF MU 2019**

Online:

is.muni.cz ... log-in ... aVLON9X1c Clinical Oncology - practice ... Study Materials