

Teaching Program of Oncology
for students of **English Division 4th year of Dental Faculty**
of Wroclaw Medical University

Oncology -4th year

15 hours of clinical classes (5 classes- 3 hours each)

1. Neoplasms of head and neck, metastasis to lymphatic glands of neck. Radiotherapy.
2. Neoplasms of breast, skin and mucous membranes
3. Neoplasms of lung and mediastinum. Neoplasms of soft tissues and bones
4. Neoplasms of alimentary system
5. Gynecological oncology and neoplasms of urogenital system. Oncological treatment and maintaining the ability to procreate.

The aim of the teaching subject and the effect of education- skills and competence:

The course for the students of the 4th year have the integrating character (systematizing) of the knowledge and skills gained so far at the pre-clinical and clinical classes in etiology, epidemiology, prophylaxis, identification and treatment on cancer diseases and the control and acting after oncological treatment.

The meaning of radiotherapy, the method of treatment that usually students had no contact with during the studies, is stressed during the classes. The focus is also on specific character of chemotherapy of solid tumors, surgery and oncological gynecology, the necessity of running associated treatment and the rules of cooperation among radiotherapists, clinical oncologists and oncological surgeons and the doctors of other specializations. The meaning of primary and secondary prophylaxis, “oncological sensitivity” of the doctors of all specializations and the strategic role of the first contact physicians in detecting the cancers at their early stages of clinical development are stressed.

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The classes take place in the center specializing in treatment of malignant neoplasms which can run associated anti-neoplastic treatment. All the classes take place “at the oncological patient’s bed”. The students participate in determining the stage of development of the disease, in planning the strategy of treatment and have the opportunity to learn the skill of informing the patients about the character of their disease and the necessity of long term, often mutilant therapy. The students participate in diagnostic and therapeutic procedures, analyze the results of the tests and the effects of the therapy.

Important part in teaching oncology is played by the procedures taken in acting with the patients with the complications of oncological treatment

Learning outcomes

Knowledge of social and medical significance of neoplastic diseases. Knowledge of early and late symptoms of cancer diseases. Ability to collect oncological interview and examination of the patient with suspected or identified malignant tumor. Ability to choose diagnostic methods and to stage the neoplasms. Knowledge of associated oncological treatment, performing

simple diagnostic, nursing and rehabilitating operations after oncological treatment. Diagnosing and treatment of early and late complications within oral mucosa appearing after oncological treatment. Diagnosing and treatment of pre-cancer stages within oral mucosa. Diagnosing the most often neoplastic syndromes manifesting themselves among others within oral cavity. Clinical evaluation of lymphatic system of neck. Ability to take material to morphological tests and cooperation with histopathological laboratory. Ability of acting with the patient during oncological treatment and after its finishing. Knowledge of the principles of acting in case of complications after the treatment, prosthetics and extra-medical support, acting in case of threat to life of oncological patients. The knowledge of the system of the organization of fighting cancer in Poland and the rules of cooperation with specialist oncological centers and the registers of neoplasms. Ability to use the screening examinations system in Poland. The student should have the skill of contacting with the oncological patient and his family

Literature:

- DeVita, Hellman and Roposenberg's Cancer: Principles and Practice of Oncology Review by Ramaswamy Govindan M; Lippincott Williams & Wilkins Publishers
- Oxford Handbook of Oncology
- Washington Manual Of Oncology
- DeVita, Hellman and Rosenberg's Cancer: Principles and Practice of Oncology Review by Ramaswamy Govindan M; Lippincott Williams & Wilkins Publishers
- *CA A Cancer Journal for Clinicians* Wydanie polskie: Onkologia po Dyplomie, Medical Tribune Group. Sp. z o.o. Warszawa
- *UICC Manual of Clinical Oncology*; by Raphael E. Pollock, James H. Doroshow, David Khayat, Akimasa Nakao, Brian O'Sullivan (Editors); John Wiley & Sons
- Bajcar S., Grzegorzczak I. Atlas diagnostyki zmian barwnikowych skóry. Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków 2000
- **Bengel W., Vehman G. Diagnostyka różnicowa chorób błon śluzowych jamy ustnej. Wydawnictwo Kwintescencja, Warszawa 2000**
- **Włodek-Owińska B., Świński T. Atlas chorób błony śluzowej jamy ustnej. PZWL, Warszawa 1993.**

Wąsik F, Baran E, Szepietowski J. Atlas chorób skóry. Wydawnictwo Volumed, 1993.

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Names of the lecturers:

prof. zw. dr hab. n. med. Jan Kornafel

dr n. med. Barbara Izmańłowicz

dr n. med. Marcin Jędryka

dr n. med. Marcin Ekiert

dr hab. n. med. Iwona Gisterek

dr n. med. Agnieszka Ignatowicz

dr n. med. Aleksandra Łacko

dr hab. n. med. Rafał Matkowski, prof. nadzw.

dr n. med. Małgorzata Rusiecka

dr n. med. Jolanta Szlachowska

dr n. med. Krzysztof Szewczyk
dr n. med.. Radosław Tarkowski
dr n. med.. Urszula Staszek
lek. Marcin Stępień
lek Katarzyna Soter
lek. Ewelina Łata
lek. Michał Maciejewski
lek. Małgorzata Pieniążek

Criteria of the promotion: test exam