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| **Syllabus for academic year: 2021/2022** **Training cycle: 2017-2023** |
| **Description of the course** |
| **Course** | ONCOLOGY | Group of detailed education results |
| Group codeE | Group nameGENERAL CLINICAL SCIENCES (NON-SURGICAL) |
| **Faculty** | MEDICINE |
| **Major**  | Medicine |
| **Level of studies** | **X** uniform magister studies 1st degree studies  2nd degree studies 3rd degree studies  postgraduate studies |
| **Form of studies** | **X** full-time part-time |
| **Year of studies**  | V | **Semester:** | X winterX summer |
| **Type of course** | X obligatory limited choice free choice / optional  |
| **Language of study** |  Polish **X** English |
| **Number of hours** |
| Form of education |
|  | Lectures (L) | Seminars (SE) | Auditorium classes (AC) | Major Classes – not clinical (MC) | Clinical Classes (CC) | Laboratory Classes (LC) | Classes in Simulated Conditions (CSC) | Practical Classes with Patient (PCP) | Foreign language Course (FLC) | Physical Education (PE) | Vocational Practice (VP) | Directed Self-Study (DSS) | E-learning (EL) |
| **Winter semester:** |
| Department of Oncology(Dep. in charge of the course) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Direct (contact) education[[1]](#footnote-1) |  |  |  |  | 25 |  |  |  |  |  |  |  |  |
| Distance learning[[2]](#footnote-2) | 10 |  |  |  |  |  |  |  |  |  |  |  |  |
| **Summer semester:** |
| ……………………………………(Dep. in charge of the course) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Direct (contact) education |  |  |  |  | 25 |  |  |  |  |  |  |  |  |
| Distance learning |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **TOTAL per year:** |
| Department of Oncology(Dep. in charge of the course) |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Direct (contact) education |  |  |  |  | 50 |  |  |  |  |  |  |  |  |
| Distance learning | 10 |  |  |  |  |  |  |  |  |  |  |  |  |
| **Educational objectives** (max. 6 items)**C1**. Developing skills to diagnose and properly stage malignant neoplasms.**C2**. Knowledge of combined modality treatment principles. **C3**. Developing skills to choose optimal treatment method and procedures during and after the treatment, including communication with the oncological patient and his/her family. **C4**. Knowledge of supportive, palliative and analgesic care. Recognizing life threatening situations in oncology.  **C5**. Developing skills to use methods of early cancer detection and prophylaxis. |
| **Education result for course in relation to verification methods of the intended education result and the type of class:** |
| Number of deteiled education result | Student who completes the course knows/is able to | Methods of verification of intended education results | Form of didactic class*\*enter the abbreviation* |
| **E.W23** | Knows the environmental and epidemiological considerations of the most common human cancers. | TEST |  L, CC |
| **E.W26** | Knows combined modality treatment principles and diagnostics-therapeutic algorithms in the most common human malignant neoplasms | TEST |  L, CC |
| **E.W27** | Knows and understands causes, symptoms, diagnostics and treatment rules in the most common problems of palliative medicine including: symptomatic care of somatic symptoms, dealing with cachexia and life threatening situations, decubitus prophylaxis and treatment.  | TEST |  L, CC |
| **E.W28** | Knows the palliative principles of dealing with a terminal patient | TEST |  L, CC |
| **E.W29** | Knows the pain treatment rules, including cancer related and chronic pain. | TEST |  L, CC |
| \* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning  |
| **Student's amount of work (balance of ECTS points):** |
| **Student's workload** (class participation, activity, preparation, etc.) | **Student Workload** |
| 1. Number of hours of direct contact: | 50 |
| 2. Number of hours of distance learning: | 10 |
| 3. Number of hours of student's own work: | 55 |
| 4. Number of hours of directed self-study |  |
| Total student's workload | 115 |
| **ECTS points for course** | 4 |
| **Content of classes:** (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects) |
| **Lectures**1. Strategy of cancer diagnosis, treatment and follow-up 2. Radiotherapy in gynecology. Emergencies in cancer patients. 3. Radiotherapy. Technical and physical basics of radiotherapy. Advances in radiotherapy. Radiotherapy in organ conserving cancer treatment 4. Chemotherapy, hormonotherapy and molecular targeted therapy. Quality of life in cancer patients 5. Cancer epidemiology. Results of cancer treatment. Primary and secondary prophylaxis of cancer.  |
| **Practical classes**1. Breast cancer CC 5h2. Radiotherapy CC 5h3. Upper gastrointestinal tract – radiotherapy CC 5 h4. Head and neck cancer – radiotherapy CC 5h5. Lower gastrointestinal tract – radiotherapy CC5h6. Melanoma and skin cancer CC 5h7. Genitourinary cancer – radiotherapy CC 5h8. Soft tissues and bone sarcomas CC 5h9. Lung cancer – radiotherapy CC 5h10. Gynaecological cancer – radiotherapyCC 5h |
| **Basic literature** (list according to importance, no more than 3 items)1. DeVita, Hellman and Ropsenberg’s Cancer: Principles and Practice of Oncology Review by Ramaswamy Govindan M; Lippincott Williams & Wilkins Publishers
2. Oxford Handbook of Oncology
3. Washington Manual Of Oncology
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| **Additional literature and other materials** (no more than 3 items)1. *CA A Cancer Journal for Clinicians* Wydanie polskie: Onkologia po Dyplomie, Medical Tribune Group. Sp. z o.o. Warszawa
2. *UICC Manual of Clinical Oncology*; by Raphael E. Pollock, [James H. Doroshow](http://www.amazon.com/exec/obidos/search-handle-url/index%3Dbooks%26field-author%3DDoroshow%2C%20%20James%20H./002-0490050-1092048), [David Khayat](http://www.amazon.com/exec/obidos/search-handle-url/index%3Dbooks%26field-author%3DKhayat%2C%20%20David/002-0490050-1092048), [Akimasa Nakao](http://www.amazon.com/exec/obidos/search-handle-url/index%3Dbooks%26field-author%3DNakao%2C%20Akimasa/002-0490050-1092048), [Brian O'Sullivan](http://www.amazon.com/exec/obidos/search-handle-url/index%3Dbooks%26field-author%3DO%27Sullivan%2C%20Brian/002-0490050-1092048) (Editors); John Wiley & Sons
3. Bajcar S., Grzegorczyk I. Atlas diagnostyki zmian barwnikowych skóry. Wydawnictwo Uniwersytetu Jagiellońskiego, Kraków 2000
4. Bengel W., Vehman G. Diagnostyka różnicowa chorób błon śluzowych jamy ustnej. Wydawnictwo Kwintescencja, Warszawa 2000
5. Włodek-Owińska B., Świński T. Atlas chorób błony śluzowej jamy ustnej. PZWL, Warszawa 1993.
6. Wąsik F, Baran E, Szepietowski J. Atlas chorób skóry. Wydawnictwo Volumed, 1993.
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| **Preliminary conditions:** (minimum requirements to be met by the student before starting the course)Preparation for classes prescribed textbook (field activities according to the plan), and knowledge from previous years of study. |
| **Conditions to receive credit for the course:** (specify the form and conditions of receiving credit for classes included in the course, admission terms to final theoretical or practical examination, its form and requirements to be med by the student to pass it and criteria for specific grades)Presence in accordance with the studies regulations.Test exam: multiple choice, multiple answer and matching response.60% of right answers to pass.Absences must be resolved - a way to be agreed with the teachers (presentation, essay on the topic). |
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| **Grade:** | **Criteria for courses ending with a grade[[3]](#footnote-3)** |
| Very Good (5.0) | 96-100%Achieving the assumed learning outcomes covering all relevant aspects. |
| Good Above (4.5) | 91-95%Achieving the assumed learning outcomes covering all relevant aspects with some errors or inaccuracies. |
| Good (4.0) | 81-90%Achieving the assumed learning outcomes without some less important aspects |
| Satisfactory Plus (3.5) | 71-80%Achieving the assumed learning outcomes, omitting some important aspects or with significant inaccuracies |
| Satisfactory (3.0) | 61-70%Achieving the assumed learning outcomes, bypassing some important aspects or with serious inaccuracies. |
|  | **Criteria for courses ending with a credit³** |
| Credit | Does not apply to the Faculty of Medicine |
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| **Grade:** | **Criteria for exam³** |
| Very Good (5.0) | 96-100% or 9 pts. from oral exam |
| Good Above (4.5) | 90-95% or 8 pts. from oral exam |
| Good (4.0) | 80-89% or 7 pts. from oral exam |
| Satisfactory Plus (3.5) | 70-79% or 6 pts. from oral exam |
| Satisfactory (3.0) | 60-69% or 5 pts. from oral exam |
| **Person in charge for the course:** | prof. dr hab. Rafał Matkowski |
| **Telephone:** | +48 713689391 |
| **E-Mail:** | wk-28@umed.wroc.pl |
| **List of persons conducting specific classes:** |
| Name and surname | Degree/scientific or professional title | Discipline | Performed profession | Form of classes |
| Aleksandra Łacko | MD, PhD, | clinical oncology | doctor, n.a. | L, CC |
| Katarzyna Soter | MD | clinical oncology | doctor, n.a. | L, CC |
| Małgorzata Pieniążek | MD, PhD, | clinical oncology | doctor, n.a. |  |
| Marcin Ekiert | MD, PhD | clinical oncology | doctor, n.a. | L, CC |
| Jolanta Szelachowska | MD, PhD, | radiotherapy | doctor, n.a. | L, CC |
| Adam Maciejczyk | MD, PhD, | radiotherapy | doctor, n.a. | L, CC |
| Łukasz Trembecki | MD. | radiotherapy | doctor, n.a. | L, CC |
| Agnieszka Ignatowicz | MD, PhD, | radiotherapy | doctor, n.a. | L, CC |
| Marcin Stępień | MD. | radiotherapy | doctor, n.a. | L, CC |
| Bartłomiej Szynglarewicz | MD, PhD, | surgery | doctor, n.a. | L, CC |
| Marcin Ziętek | MD, PhD, | surgery | doctor, n.a. | L, CC |
| Łukasz Trembecki | MD | radiotherapy | doctor, n.a. | L, CC |
| Krystian Lichoń | MD | radiotherapy | doctor, n.a. | L, CC |
| Ewelina Łata-Woźniak | MD, PhD, | radiotherapy | doctor, n.a. | L, CC |
| Aleksandra Sztuder | MD. | radiotherapy | doctor, n.a. | L, CC |
| Rafał Matkowski | professor MD, PhD. | surgery | doctor, n.a. | L, CC |
| Krzysztof Szewczyk | MD, PhD, | surgery | doctor, n.a. | L, CC |
| Marcin Jędryka | MD, PhD, | gyneacology | doctor, n.a. | L, CC |
| Andrzej Czekański | MD | gyneacology | doctor, n.a. | L, CC |
| Piotr Lepka | MD | gyneacology | doctor, n.a. | L, CC |
|  | dr hab. n. med. | Chirurgia Onkologiczna | lekarz, n.a. | CC |
|  |  |  |  | CC |
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| **Date of Syllabus development**  | **Syllabus developed by**  |
| 30.06.2021 | Jolanta Szelachowska |
| **Signature of Head of teaching unit** |
| ……………………………………………………… |

**Signature of Faculty Dean**  |
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1. Education conducted with direct participation of university teachers or other academics [↑](#footnote-ref-1)
2. Education with applied methods and techniques for distance learning [↑](#footnote-ref-2)
3. The verification must cover all education results, which are realize in all form of classes within the course [↑](#footnote-ref-3)