



| Syllabus, academic year 2020/2021   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
|---|--|---|-------------------------|-----------------------------------|-----------------------|---|---------------------------------------|--|---|---|------------------------------------|--------------------------|--------------------------------------|-----------------|
| Description of the course   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Course Name:  |  | Practical Clinical Teaching<br>chosen specialty:  |                         |                                   |                       | Group of detailed education results   |                                       |  |   |   |                                    |                          |                                      |                 |
|   |  |   |                         |                                   |                       | Group code (E or F):<br>E   |                                       | Group name: Clinical studies, non-procedural |   |   |                                    |                          |                                      |                 |
| Faculty   |  | Medicine  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Major   |  | Medicine  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Specialties   |  | not applicable  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Level of studies  |  | X Uniform magister studies  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Form of studies   |  | X full-time <input type="checkbox"/> part-time  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Year of studies:  |  | VI  |                         |                                   |                       | Semester:   |                                       | X summer (april/may)                         |   |   |                                    |                          |                                      |                 |
| Type of course  |  | X obligatory  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Course  |  | X major   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Language of instruction   |  | <input type="checkbox"/> Polish X English <input type="checkbox"/> other  |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| * mark <input type="checkbox"/> with an X   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Amount of hours   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Form of education   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Unit teaching the course:   | 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)         | Specialist Classes - master studies (SCM) | Foreign language Course (FLC)                       | Physical Education obligatory (PE) | Vocational Practice (VP) | Self-Study (Student's own work) (SS) | E-learning (EL) |
| <b>Winter semester:</b>   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Not applicable  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| <b>Summer semester:</b>   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| 180   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| <b>Total per year:</b>  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| 180   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| <b>Educational objectives: (max. 6 items)</b>   |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.1 - Knowledge of early and late symptoms of hematological cancers and non-cancer diseases.  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.2 - Ability to choose diagnostic methods of hematological cancer and non-cancerous diseases.  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.3 - Knowledge of diagnostic methods used in hematology  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.4 - Knowledge of the principles of hematological oncological treatment and non-cancer diseases  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.5 - Knowledge of how to deal with complications after treatment, emergency management in hematology.                                  |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| C.6 - Ability to deal with the patient during hematological cancer treatment, the ability to talk with the patient and his family.      |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| <b>Education results matrix for course in relation to verification methods of the intended education result and the type of class :</b> |  |   |                         |                                   |                       |   |                                       |  |   |   |                                    |                          |                                      |                 |
| Number of course education result   | Number of major education (E or F group) | Student who completes the course knows/ is able to<br>Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves |                         |                                   |                       | Methods of verification of intended education results (forming and summarising) |                                       |  |   | Form of didactic class<br>** enter the abbreviation |                                    |                          |                                      |                 |
| S01   | E.U01                                    | Taking a clinical history with an adult patient   |                         |                                   |                       | activity during the classes   |                                       |  |   | CC  |                                    |                          |                                      |                 |
| S02   | E.U16                                    | Planning of diagnostic procedures, therapeutic procedures, and prophylaxis  |                         |                                   |                       | activity during the classes   |                                       |  |   | CK  |                                    |                          |                                      |                 |





|      |       |   |                             |    |
|------|-------|---|-----------------------------|----|
| S 03 | E.U14 | recognition of life threatening disease states  | activity during the classes | CK |
| S 04 | E.U17 | analyzes the possible adverse effects of individual drugs and interactions between them   | activity during the classes | CK |
| S 05 | E.U18 | proposes the individualization of existing therapeutic guidelines and other methods of treatment against ineffectiveness or contraindications to standard therapy | activity during the classes | CK |
| S 06 | E.U24 | interpretation of laboratory results and identifying the causes of abnormal results   | activity during the classes | CK |

\*\* L - lecture; SE - seminar; AC – audytorium classes; MC – major classes (non-clinical); CC – **clinical classes**; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP – practical classes with patient; PE – physical education (obligatory); VP- vocational practice; SS – self-study; EL- E-learning.

Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes:

Skills: 6

**Student's amount of work (balance of ECTS points):**

| Student's workload (class participation, activity, preparation, etc.) | Student Workload (h) |
|---|----------------------|
| 1. Contact hours:   | <b>180</b>           |
| 2. Student's own work (self-study):                                   | <b>90</b>            |
| Total student's workload  | <b>270</b>           |
| <b>ECTS points for course</b>   | <b>12,0</b>          |
| Comments  |                      |

**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)) Participation in the work of a hematological clinic. Participation in the work of the hematology and transplant department. Participation in the diagnosis and commissioning of diagnostic tests of hematological oncological and non-oncological patients, interpretation of test results. Determining the indications and contraindications for hematological oncological and non-oncological treatment. Control after treatment.

**Lectures – not applicable**

**Seminars – not applicable**

**Classes**

1. Exercises in a hematological clinic
2. Exercises in the day and long-term hematology ward
3. Exercises at the transplant ward
4. Exercises in the laboratory of cytology, cytometry, genetics and cytogenetics

**Other - etc....**

**Basic literature:** (list according to importance, no more than 3 items)

Not applicable

**Additional literature and other materials:** (no more than 3 items)

Not applicable

**Didactic resources requirements:** (e.g. laboratory, multimedia projektor, other...)

Not applicable

**Preliminary conditions:** (minimum requirements to be met by the student before starting the course)

Not applicable

Conditions to receive credit for the course (specify the form, criteria and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades).

Each absence must be made up, including rector's days or dean's hours.

Active participation in classes and test of practical skills

| Grade:           | Criteria for course |
|------------------|---------------------|
| Very good (5,0)  | 91-100%             |
| Above good (4,5) | 81-90%              |





|                         |        |
|-------------------------|--------|
| Good (4,0)              | 71-80% |
| Sufficiently good (3,5) | 61-70% |
| Sufficient (3,0)        | 51-60% |

|                                      |   |
|--------------------------------------|---|
| <b>Name of unit teaching course:</b> | <b>Clinic of Hematology, Blood Cancer and Bone Marrow Transplantation</b> |
| Address                              | wyb. Ludwika Pasteura 4, 50-367 Wrocław                                   |
| Phone                                | tel.: 71 784 25 76, faks: 71 327 09 63                                    |
| E-mail                               | e-mail: WK-14@umed.wroc.pl  |

|                                       |  |
|---------------------------------------|--|
| <b>Person responsible for course:</b> | <b>prof. dr hab. n. med. Tomasz Wróbel</b> |
| Phone                                 | 713689391                                  |
| E-mail                                | tomasz.wrobel@umed.wroc.pl                 |

| <i>List of persons conducting specific classes:</i> | <i>degree/scientific or professional title</i> | <i>Discipline</i>                               | <i>Performer profession</i> | <i>Form of classes</i> |
|---|--|---|-----------------------------|------------------------|
| Tomasz Wróbel                                       | Prof. dr hab. n.med.                           | Internal medicine, haematology, transplantology | physician; u.t.             | CC                     |
| Dariusz Wołowicz                                    | Prof. dr hab. n.med.                           | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Lidia Usnarska-Zubkiewicz                           | Prof. dr hab. n.med.                           | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Maria Podolak-Dawidziak                             | Prof. dr hab. n.med.                           | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Anna Czyż   | Dr hab. n. med.                                | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Donata Urbaniak-Kujda                               | Dr hab. n. med.                                | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Justyna Rybka                                       | Dr hab. n. med.                                | Internal medicine, haematology, transplantology | physician; u.t.             | CC                     |
| Marta Sobas   | Dr n. med.                                     | haematology                                     | physician; u.t.             | CC                     |
| Magdalena Olszewska-Szopa                           | Lek.   | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Agnieszka Szeremet                                  | Lek.   | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Maciej Majcherek                                    | Dr n. med.                                     | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Aleksandra Bogucka-Fedorczuk                        | Lek.   | Internal medicine                               | physician; u.t.             | CC                     |
| Monika Biernat                                      | Dr n. med.                                     | Microbiology, internal medicine                 | physician; u.t.             | CC                     |
| Stanisław Potoczek                                  | Dr n. med                                      | Internal medicine, haematology                  | physician; u.t.             | CC                     |
| Michał Bator  | Lek.   | Trainee doctor                                  | physician; u.t.             | CC                     |
| Jakub Dębski  | Lek.   | Internal medicine                               | physician; u.t.             | CC                     |





|                               |           |                   |                 |    |
|-------------------------------|-----------|-------------------|-----------------|----|
| Elżbieta Kalicińska           | Dr n. med | Internal medicine | physician; u.t. | CC |
| Katarzyna Wicherska-Pawłowska | Lek.      | Trainee doctor    | physician; u.t. | CC |

**Date of Syllabus development**

.....27.05.2020.....

**Syllabus developed by**  
Uniwersytet Medyczny we Wrocławiu  
KATEDRA I KLINIKA HEMATOLOGII  
NOWOTWORÓW KRWI  
I TRANSPLANTACJI SZPIKU  
Marta Sobas, MD, PhD  
adiunkt dydaktyczny

**Signature of Head of teaching unit**

.....  
dr n. med. Marta Sobas

**Signature of Faculty Dean**

.....  
Wrocław Medical University  
Faculty of Medicine  
Vice-Dean for Quality Studies  
prof. Beata Cobińska, PhD

.....  
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kierownik

prof. dr hab. Tomasz Wróbel

