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|  | **Syllabus** |
| **Faculty / Field of study / Specialty****FACULTY OF HEALTH SCIENCES, Physiotherapy** |
| **GENERAL INFORMATION** |
| Studies (select by underlining):1st degree - full-time1st degree - extramural 1st degree - joint: level AB/ C/ D 2nd degree - full-time2nd degree - extramural Postgraduate |
| Study profile (select by underlining):general university studies, practical studies, practical-general university studies |
| Course (according to teaching standards and/or teaching program approved by the Council of Faculty of Health Sciences).  | Physiotherapy |
| **Course code** |  |
| **Organizational unit that carries out the training** | Department of Pneumonology, Allergology and Lung Oncology |
| **Degree/title/last and first name of persons teaching the course** | Person responsible for the course: dr hab. n. med. Tomasz Piorunek | List of persons teaching the course:prof. dr hab. n. med. Halina Batura-Gabryel, dr hab. n. med. Szczepan Coftadr n. med. Małgorzata Rzymkowska, dr hab. n. med. Tomasz Piorunek dr n. med. Magdalena Kostrzewskadr n. med. Barbara Kuźnar-Kamińska, dr n. med. Agata Nowicka, dr n. med. Joanna Goździk-Spychalskadr n. med. Beata Brajer-Luftmanndr n. med. Marcin Grabicki |
| **Introductory courses. Preliminary requirements** | N/A |
| **ECTS point** |  |
| **Type of classes**  | Number of didactic hours | Passing requirement | Form of crediting (select by underlining) |
| 1. Total
 | 30 |  | ExaminationPass with a gradePass |
| 1. Lectures
 |  |
| 1. Seminars
 | 5 |
| 1. Exercises
 | 25 |
| 1. Practical training
 |  |
| 1. Internship
 |  |
| 1. Self-study
 | Number of hours depending on the ECTS points  |
| 8. E – learning |  |
| **DETAILED INFORMATION** |
| **Teaching goals for the course (C) resulting from: knowledge (W), skills (U), social competence (KS)** |
| Symbol | Teaching goal  |
| C(W)11 | Should has general knowledge of anatomy of the respiratory system |
| C(W)19 | Should list indications, contraindications, side effects of physiotherapeutic treatment, as well as describe and explain the mechanisms for their effect |
| C(W)21 | Should explain functional examination of internal organs and efficiency tests that are necessary for the choice of physiotherapeutic means, treatment and using the correct methods |
| C(W)22 | Should choose the right therapeutic exercises and physical treatment for persons with diseases and malfunctions that do not affect the locomotor system |
| C(W)25 | Should list therapeutic exercises, knows the rules for improvement procedures in persons with diseases and malfunctions, according totheir clinical and functional condition  |
| C(W)26 | Should describe and interprets theoretical bases for techniques and methodologies for therapeutic improvement |
| C(W)28 | Should has knowledge of description and interpretation of basic diseases and syndromes. Describes the rehabilitation process. |
| C(W)30 | Should now the rules for performing functional examinations that are necessary for he choice of means in physiotherapy |
| C(U)3  | Should can independently perform physiotherapy treatments  |
| C(U)4 | Should can use and operate the equipment, instruct and teach patients to use them |
| C(U)15 | Should can give advice on lifestyle and procedures in states of irreversible malfunctions or chronic diseases in patients |
| C(U)20 | Should can plan and carry out an individual rehabilitation plan for the patient |
| C(KS)6  | Should can control the effectiveness of physiotherapy process and identify the mistakes and negligence in the improvement process |
| C(KS)7 | Should willing to cooperate and work in a team |
| C(KS)8 | Should take responsility for his/her own decisions |
| C(KS)9 | Should can clearly determine the main measures that serve to reach the set goals |
| **Expected teaching results for student with respect to knowledge (W), skills (U), social competence (KS).** |
| Symbol | Expected teaching results for a student (FK) with respect to knowledge (W), skills (U), social competence (KS). | Reference to teaching objectives (symbol). |
| EK (W)11 | Has general knowledge of anatomy of the respiratory system | C(W)11 |
| EK (W)19 | Can list indications, contraindications, side effects of physiotherapeutic treatment, as well as describe and explain the mechanisms for their effect | C(W)19 |
| EK (W)21 | Explains functional examination of internal organs and efficiency tests that are necessary for the choice of physiotherapeutic means, treatment and using the correct methods | C(W)21 |
| EK (W)22 | Can choose the right therapeutic exercises and physical treatment for persons with diseases and malfunctions that do not affect the locomotor system | C(W)22 |
| EK (W)25 | Can list therapeutic exercises, knows the rules for improvement procedures in persons with diseases and malfunctions, according totheir clinical and functional condition  | C(W)25 |
| EK (W)26 | Describes and interprets theoretical bases for techniques and methodologies for therapeutic improvement | C(W)26 |
| EK (W)28 | Has knowledge of description and interpretation of basic diseases and syndromes. Describes the rehabilitation process. | C(W)28 |
| EK (W)30 | Knows the rules for performing functional examinations that are necessary for he choice of means in physiotherapy | C(W)30 |
| EK (U)3 | Can independently perform physiotherapy treatments  | C(U)03 |
| EK (U)4 | Can use and operate the equipment, instruct and teach patients to use them | C(U)04 |
| EK (U)15 | Can give advice on lifestyle and procedures in states of irreversible malfunctions or chronic diseases in patients | C(U)15 |
| EK (U)19 | Can plan and carry out an individual rehabilitation plan for the patient | C(U)19 |
| EK (U)20 | Can control the effectiveness of physiotherapy process and identify the mistakes and negligence in the improvement process | C(U)20 |
| EK (KS)6 | Is willing to cooperate and work in a team | C(KS)06  |
| EK (KS)7 | Takes responsility for his/her own decisions | C(KS)07  |
| EK (KS)8 | Can clearly determine the main measures that serve to reach the set goals | C(KS)08  |
| EK (KS)9 | Performs his/her duties independently and organizes his/her own work property | C(KS)09 |
| **Program content (TP): course's description resulting from the abiding teaching standards and/or teaching program approved by the Council of Faculty of Health Sciences.** |
| Symbol  | Form for realizing the teaching content: e.g. lectures, seminars, exercises, practical training, internship, self-study, e-learning. | Reference to teaching results (symbol). |
| TP1 | Essential information on some lung diseases | EK (W)11 EK (W)28 |
| TP2 | Methods of physiotherapy using in lung diseases and rules of their proper performance. | EK (W)19, EK (W)25EK (W)26EK (U)20 |
| TP3 | Use physiotherapy in lung diseases. Individual program of therapeutic rehabilitation. Patient education on proper exercise performace. | EK (W)22EK (U)03EK (U)04EK (U)15EK (U)19EK (KS)06EK (KS)07EK (KS)08EK (KS)09 |
| TP4 | Assessing the profits resulted from physiotherapy  | EK (W)21EK (W)30 |
| Didactic methods (teacher's working methods that allows reaching teaching objectives) | seminars, exercises |
| **Didactic means used in the teaching process** | multimedial presentation, films, practical exercises include aerosolotherapy, lung function tests, bronchoscopy, case prezentations  |
| References for the student  |
| **Primary literature**until item 4 | 1. Harrison’s Principles of Internal Medicine, 15th edition, McGrawHill2. Kumar & Clark, Clinical Medicine, 4th edition, Bailliere Tindall 3. Khan & Lynch , Pulmonary Disease Diagnosis and Therapy – A Practical Approach, William &Wilkins |
| **Complementary literature**until item 4 |  |
| **Evaluation method**  |
| Grade types: diagnostic (D), forming (F), summarizing (P) | diagnostic (D)summarizing (P) |
| Evaluation methods, e.g. knowledge test, case study, nursing process, project | **Test of knowledge from the lectures - D****General knowledge test - P****Multimedia presentation - P** |
| **Evaluation critera**  |
| **Local evaluation** | **Local definition** | **ECTS evaluation** | **ECTS definition** |
| 5 | Very good - excellent knowledge, skills, competence | A | Excellent - outstanding achievements |
| 4.5 | Better than good - very good knowledge, skills, competence | B | Very good - above the average, but with some mistakes |
| 4 | Good - good knowledge, skills, competence | C | Good - decent work with a number of noticeable mistakes |
| 3.5 | Fairly good - satisfactory knowledge, skills, competence, but with significant shortcomings | D | Satisfactory - satisfactory, but with significant mistakes  |
| 3 | Satisfactory - satisfactory knowledge, skills, competence, with numerous mistakes (W, U, KS mastering threshold of 60%) | E | Satisfactory - results that meet the minimum criteria |
| 2 | Unsatisfactory - unsatisfactory knowledge, skills, competence (W, U, KS mastering threshold of less than 60%) | FX, F | Unsatisfactory - lacking basic knowledge of the material |
| **ADDITIONAL INFORMATION** |
| **Relating the results and the content of teaching to teaching and evaluation methods used** |
| Teaching results symbol for a particular course | Symbol numbers for teaching content realized during the course | Teaching methods allowing to achieve the assumed teaching results  | Types (D,F,P) and evaluation methods of the degree of achieving the assumed teaching results  |
| EK (W)11 |  | seminars, exercises | D,P |
| EK (W)19 | TP2 | seminars, exercises | D,P |
| EK (W)21 | TP2 | seminars, exercises | D,P |
| EK (W)22 | TP2 | seminars, exercises | D,P |
| EK (W)25 | TP1, TP2 | seminars, exercises | D,P |
| EK (W)26 | TP2 | seminars, exercises | D,P |
| EK (W)28 | TP1, | seminars, exercises | D,P |
| EK (W)30 | TP2, TP3 | seminars, exercises | D,P |
| EK (U)03 | TP2 | seminars, exercises | D,P |
| EK (U)04 | TP2 | seminars, exercises | D,P |
| EK (U)15 | TP2, | seminars, exercises | D,P |
| EK (U)19 | TP2, TP3 | seminars, exercises | D,P |
| EK (U)20 | TP2, | seminars, exercises | D,P |
| EK (KS)06 | TP2, | seminars, exercises | D,P |
| EK (KS)07 | TP2, | seminars, exercises | D,P |
| EK (KS)08 | TP2, | seminars, exercises | D,P |
| EK (KS)09 | TP2, | seminars, exercises | D,P |
| **Comparison of the assumed teaching results with the teaching results for the program of studies, the so called program teaching results (PEK) and the results defined for the teaching area (symbols only)** |
| Teaching results for a course (EK) | Assigning teaching results for a course to the results defined for the whole program (PEK).  | Relating teaching results for a course to the results defined for the teaching area  |
| EK (W)1 |  |  |
| EK (W)2 |  |  |
| EK (W)3 |  |  |
| EK (W)4 |  |  |
| EK (W)5 |  |  |
| EK (U)1 |  |  |
| EK (U)2 |  |  |
| EK (U)3 |  |  |
| EK (U)4 |  |  |
| EK (U)5 |  |  |
| EK (U)6 |  |  |
| EK (U)7 |  |  |
| EK (U)8 |  |  |
| EK (KS)1 |  |  |
| EK (KS)2 |  |  |
| EK (KS)3 |  |  |