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**SYLLABUS of MODULE (SUBJECT)**

**General Information**

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| **SUBJECT:** | |
| Module type | Obligatory |
| Faculty | Faculty of Medicine and Dentistry |
| Field of study | medicine |
| Subject | Pediatrics (Propedeutics of pediatrics) |
| Level of study | II level/long-cycle study |
| Mode of study | intramural |
| Year of study | III/summer semester |
| ECTS points | 2,5 |
| Types of training  (numer of hours) | lectures - 5h, seminars - 10h, practical - 25h |
| Ways of assesment of learning effects [[1]](#footnote-1) | note pass:  description  test  practical  oral  no note pass:  final exam:  description  test  practical  oral |
| Tutor responsible for the module | prof. dr hab. med. Jarosław Peregud-Pogorzelski |
| Didactic adjunct responsible for the module | dr n. med. Paula Szołomicka-Kurzawa; sppchrdz@pum.edu.pl |
| Name and cocntact details of Department | Klinika Pediatrii, Onkologii i Immunologii Dziecięcej 71-252 Szczecin Unii Lubelskiej 1 |
| www | https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/klinika-pediatrii-i-onkologii-dzieciecej |
| Language | polish, english |

**Detailed information**

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| Module objecctives | | 1. student acquires ability to make contact with a child and his/her legal guardian 2. student acquires ability to properly conduct subjective and physical examination 3. student has konwledge about: psycho-motorical development of children, in particular neonatal and infantile period, feeding and vaccination 4. student knows algorithms of conduct in case of rickets, tetany and the most common life threatening situations |
| Prerequisite/essential requirements | konwledge | 1. *student conducts subjective and physical examination* 2. *student recognises causes, symptoms, differential diagnosis and appropriate treatment in case of rickets and tetany* 3. *student has konwledge about feeding of healthy and sick children, including breast feeding, vacination, periodic health checks* 4. *student has knowledge about children’s development periods, is able to define typical symptoms and differences for each period* 5. *studnet has knowledge about the most common childhood life threatening situations and their treatment* |
| skills | 1. *student conducts family interview with child and his/her family* 2. *student conducts physical examination of children at any age* 3. *student assesses general condition and consciousness* 4. *student compares results of anthropometric and blood pressure measurements with data in growth charts* 5. *student assesses the level of pubescence* 6. *student coducts periodic health checks* |
| social competences | 1. *student is aware of patient’s rights* 2. *student is able to keep physician-patient privilege* 3. *student promotes healthy and active life style* 4. *student shows respect for patients* 5. *student is aware of his/her limitaions and knows when to seek professional help* 6. *student cares about his/her own and coworkers’ safety* |

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| **Description of learning outcomes for the subject** | | | |
| **Number of learning outcome** | **Student, who has passed the (subject) Knows /is able to /can:** | **SYMBOL (referring the standards)** | **Method of verification of learning outcomes\*** |
| W01 | knows the environmental and epidemiological predispositions of the most common child diseases | K\_E.W1 | T |
| W02 | knows the healthy and sick children’s principles of nutrition, including breast feeding, the principles of immunization and evaluation of child’ development | K\_E.W2 | T, S |
| W03 | knows and understands the symptoms, causes, principles of diagnosis and therapeutic management of the most common diseases:  a) rickets, tetany  i) childhood infectious diseases | K\_E.W3 | K, S |
| W06 | knows most common life-threatening conditions in children and principles of it’s management | K\_E.W6 | CS, IW, A, S |
| U02 | takes a case history | K\_E.U2 | A, S, IW |
| U04 | performs a child physical examination regardless of age | K\_E.U4 | A, S, IW |
| U06 | performs a preliminary examination of hearing and visual field as well as otoscopic examination | K\_E.U6 | A, S, IW |
| U07 | evaluates a patient’s general condition, consciousness and awareness | K\_E.U7 | A, S, IW |
| U08 | evaluate of a newborn according to Apgar scale and its maturity, can examine newborn’s reflexes | K\_E.U8 | A, S, IW |
| U09 | compares patient’s anthropometric and blood pressure values with correct data on centile charts | K\_E.U9 | A, S, IW |
| U10 | carries out evaluation of a sexual maturation status | K\_E.U10 | A, S, IW |
| U11 | carries out evaluation of growth and development of a child | K\_E.U11 | A, S, IW |
| K07 | demonstrates an attitude that promotes healthy lifestyle and physical activity | K\_K07 | A, IW |
| K11 | is aware of patient’s rights | K\_K11 | A |
| K14 | is aware of physician-patient privilege | K\_K14 | A |
| K15 | is able to take care of his own and co-workers’ safety | K\_K15 | A |
| K17 | is aware of his own limits and knows when to ask the experts | K\_K17 | A |
| K20 | respects patients out of concern their health | K\_K20 | A |

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| **Matrix presenting the learning outcomes of the subject in relation to the form of classes** | | | | | | | | |
| **Number of learning outcome** | **Student, who has passed the (subject) Knows /is able to /can:** | **Types of training** | | | | | | |
| **Lecture** | **Seminar** | **Laboratory classes** | **Clinical classes** | **Medical trainers** | **E-learning** | **Inne formy** |
| W01 | knows the environmental and epidemiological predispositions of the most common child diseases | X |  |  | X |  |  |  |
| W02 | knows the healthy and sick children’s principles of nutrition, including breast feeding, the principles of immunization and evaluation of child’ development | X |  |  | X |  |  |  |
| W03 | knows and understands the symptoms, causes, principles of diagnosis and therapeutic management of the most common diseases:  a) rickets, tetany  i) childhood infectious diseases | X |  |  | X |  |  |  |
| W06 | knows most common life-threatening conditions in children and principles of it’s management sytuacjach |  | X |  | X | X |  |  |
| U02 | takes a case history |  | X |  | X |  |  |  |
| U04 | performs a child physical examination regardless of age |  | X |  | X |  |  |  |
| U06 | performs a preliminary examination of hearing and visual field as well as otoscopic examination |  | X |  | X |  |  |  |
| U07 | evaluates a patient’s general condition, consciousness and awareness |  | X |  | X |  |  |  |
| U08 | evaluate of a newborn according to Apgar scale and its maturity, can examine newborn’s reflexes noworodkowe |  | X |  | X |  |  |  |
| U09 | compares patient’s anthropometric and blood pressure values with correct data on centile charts |  | X |  | X |  |  |  |
| U10 | carries out evaluation of a sexual maturation status |  | X |  | X |  |  |  |
| U11 | carries out evaluation of growth and development of a child |  | X |  | X |  |  |  |

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| **MODULE (SUBJECT) CONTENTS** | | | |
| **Symbol of teaching programme** | **Content of teaching programme** | **Number of hours** | **References to learning outcomes** |
| **Summer semester** | | | |
| **Lectures** | | | |
| TK01 | Introduction to Pediatrics. Developmental periods, with emphasis on the neonatal period. | 1 | W02 |
| TK02 | Somatic development and sexual maturation, sex determination. | 1 | W02 |
| TK03 | Vaccinations. | 1 | W02 |
| TK04 | Deficiency states in pediatrics and preventing their occurrence (anemia, rickets). | 1 | W03 |
| TK05 | The most common life-threatening conditions in children. | 1 | W06 |
| **Seminars** | | | |
| TK01 | Medical history examination in pediatrics and assessment of general health. | 2 | U02,U07 |
| TK02 | Physical examination – head and neck. | 2 | U04 |
| TK03 | Physical examination – chest. | 2 | U04 |
| TK04 | Physical examination – abdomen. | 2 | U04 |
| TK05 | Physical examination – nervous system, with emphasis on psychomotor development. | 2 | U04 |
| **Classes** | | | |
| TK01 | Introductory Class. | 2½ | U07,U02 |
| TK02 | Neonatal Period. | 2½ | U04,U08 |
| TK03 | Infancy period. | 2½ | U04 |
| TK04 | Small child period, or the toddler period. | 2½ | U04 |
| TK05 | Pre-school and early school period. | 2½ | U04 |
| TK06 | Basic developmental problems from neonatal to preschool periods (preventive medical examinations). | 2½ | U04 |
| TK07 | Puberty. | 2½ | U10 |
| TK08 | The most common conditions and diseases of the infancy period. | 2½ | W03 |
| **Simulation** | | | |
| TK01 | BLS - unconscious patient, cardiac and respiratory arrest - procedures. | 2½ | W06 |
| TK02 | Anaphylactic shock, hypovolemic shock - procedures. | 2½ | W06 |
| **E-learning** | | | |
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| **Summer semester** | | | |
| **Lectures** | | | |
| TK01 |  |  |  |
| **Seminars** | | | |
| TK01 |  |  |  |
| **Classes** | | | |
| TK01 |  |  |  |
| **Simulation** | | | |
|  |  |  |  |
| **E-learning** | | | |
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| **References and educational resourses:** |
| 1. Tom Lissauer, Graham Clayden. Illustrated Textbook of Paediatrics, 4th Edition. Mosby, 2012 |
| 2. W.W. Hay, M.J. Levin, J.M. Sondheimer, R.R. Deterding. Current Diagnosis and Treatment in Pediatrics, 23rd Edition. McGraw Hill, 2014  <http://accesspediatrcis.mhmedical.com/book.aspx?bookid=1795> |
| 3. K.J. Marcadante, R.M. Kliegman, H.B. Jenson, R.E. Behrman. Nelson Pediatria |
| EDUCATIONAL PLATFORM: Access Pediatrics<http://accesspediatrcis.mhmedical.com/index.aspx> |

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| **Student’s work** | |
| Form of student’s activity  (in-class participation; active participation, produce a report etc.) | Workload [h] |
| Tutor assessment |
| activities that require direct tutor’s participation | 40 |
| Preparation for the class/seminar | 17,5 |
| Reading of indicated/specified literature | 7,5 |
| Report writing/project making etc. | - |
| Preparation for tests | - |
| Time spent to prepare for the exam | - |
| Other - note pass | 5 |
| Summary | 70 |
| ECTS points | 2,5 |
| **Remarks at the end** | |
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\*Methods of assessment:

E – essay exam

OE – oral exam

TE – test exam

PE - practical exam

S – verifying of practical skills

{K – kolokwium}

R – report

D – discussion

A – assessment of student’s class participation and attitude

LR – lab report

CS – case study

IW – assessment of ability to work independently

T – test prior to class

P – presentation Others

1. zaznaczyć odpowiednio, zmieniającna [↑](#footnote-ref-1)