



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

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|---|--|
| Module title: | |
| Module type | <u>Obligatory</u> |
| Faculty PMU | Faculty of Medicine and Dentistry |
| Major | Medicine |
| Level of study | long-cycle (S2J) |
| Mode of study | full-time studies |
| Year of studies, semester | Year V, semester IX, X |
| ECTS credits (incl. semester breakdown) | 1 |
| Type/s of training | lectures (h) / <u>seminars</u> (6 h)/ <u>practical</u> (12)/ (wybrać) |
| Form of assessment* | <input type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input type="checkbox"/> <u>x</u> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> x test <input type="checkbox"/> practical <input type="checkbox"/> x oral |
| Head of the Department/ Clinic, Unit | 1. prof. dr hab. Agnieszka Kordek, MD Department of Neonatology and Neonatal Intensive Care, SPSK 1, 72-010 Police, Siedlecka 2 Tel: 91 425 38 93 |
| Tutor responsible for the module | 1. dr n. med. Diana Sochaczewska diana.sochaczewska@wp.pl , tel: 91 425 3893 2. dr. hab. n. med. Beata Łoniewska beata.loniewska@pum.edu.pl , tel: 91 4661367 |
| Department's/ Clinic's/ Unit's website | Neonatology |
| Language | English |

*replace ☐ into ☒ where applicable

Detailed information

| Module objectives | | |
|--|-------------|--|
| Prerequisite /essential requirements | Knowledge | Basic of pediatry |
| | Skills | Examination of a child |
| | Competences | accepts the need for standards of conduct, is aware of patients' rights |

Description of the learning outcomes for the subject /module

| No. 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 prenatal risk factors for the development of the fetus and newborn | EW1 | SP |
| W02 | knows principles for the nutrition of healthy and sick children, principles of vaccination and health balance in children | EW2 | SP |
| W03 | knows the causes and pathomechanism of the pathology of the neonatal period: prematurity, the newborn of a diabetic mother, intrauterine hypotrophy, respiratory failure, infections | EW3 | SP |
| W04 | knows the problems of a newborn of a mother addicted to psychoactive substances and a battered child | EW4 | SP |
| W05 | the basic methods of fetal diagnosis and therapy | EW5 | SP |
| W06 | knows most frequent life-threatening states in children and current procedures applied in such situations | EW6 | S |
| | | | |
| | | | |
| U01 | Student will conduct a medical interview with the family of the newborn | K_E.U8 | S |
| U02 | Student will conduct a physical examination of the newborn | | S |
| U03 | Student will assess the general condition, the state of consciousness of the newborn | | S |

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|-----|---|---------|----|
| | | | |
| U04 | Student evaluates newborn according to Apgar scale and its maturity, can examine newborn reflex | | S |
| U05 | Compile anthropometric and blood pressure measurements with data on grids percentiles | | SP |
| U06 | recognizes states representing direct threat to life | | SP |
| U07 | Plans diagnostic, therapeutic and prophylactic procedures; | | PS |
| U08 | Interpret the results of laboratory tests and identify the causes of deviations from the norm | K_E.U14 | SP |
| U09 | Plans to deal with exposure to blood borne infection; | | PS |
| U10 | The patient qualifies for vaccinations; | | O |
| K01 | be guided by the good of the patient | K_K11 | O |
| K02 | is aware of patients' rights observance of medical confidentiality | K_K01 | SP |

Table presenting LEARNING OUTCOMES in relation to the form of classes

| No. of learning outcome | Learning outcomes | Type of training | | | | | | |
|-------------------------|--|------------------|---------|-----------|------------------|-------------|------------|----------|
| | | Lecture | Seminar | Practical | Clinical classes | Simulations | E-learning | Other... |
| W01 | EW1 | X | | | | | X | |
| W02 | EW2 | X | | | X | | X | |
| W03 | EW3 | X | | | X | | X | |
| W04 | EW4 | X | | | X | | X | |
| W05 | EW5 | X | | | X | | X | |
| W06 | EW6 | X | | | X | | X | |
| U01 | EU2 | | | | X | | | |
| U02 | EU4 | | | | X | | | |
| U03 | EU7 | | | | X | | | |
| U04 | EU8 | | | | X | | | |
| U05 | EU9 | | | | X | | | |
| U06 | EU14 | | | | X | | | |
| U07 | EU16 | | | | X | | | |
| U08 | EU24 | | | | X | | | |
| U09 | EU26 | | | | X | | | |
| U10 | EU27 | | | | X | | | |
| K01 | be guided by the good of the patient | | | | X | | | |
| K02 | is aware of patients' rights observance of medical | | | | X | | | |

Table presenting TEACHING PROGRAMME

| No. of a teaching programme | Teaching programme | No. of hours | References to learning outcomes |
|-----------------------------|--------------------|--------------|---------------------------------|
|-----------------------------|--------------------|--------------|---------------------------------|

| 3-days block of classes Winter semester | | | |
|---|---|---|------------------------------------|
| Lectures | | | |
| TK01 | | | |
| TK02 | | | |
| Seminars 6 h | | | |
| TK01 | Recognizes states representing direct threat to life | 2 | W03, W04 |
| TK02 | Neurological disturbances of the neonatal period | 2 | W01, W02, |
| TK03 | Physiology of the newborn; Respiratory problems of the neonatal period | 2 | W06, |
| Practical classes 12 h | | | |
| TK01 | Delivery room management of the newborn | 2 | W02, K02, W06, U04, U06, |
| TK02 | Examination of the newborns, Physiology of the neonatal period | 2 | U01, U02, U03, U04, U05, U06, U07, |
| TK03 | Principles for the nutrition of healthy and sick children, principles of vaccination and health balance in children | 2 | W01, K01, U10, U08, U09, |
| TK04 | Neonatal vital signs monitoring, Recognitions of life threatening status | 4 | U06, U07, W03 |
| TK05 | Interpretations of the results of laboratory tests | 2 | U01 |
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| Simulation | | | |
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| E-learning | | | |
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| | | | |
| Summersemester | | | |
| Lectures | | | |
| TK01 | | | |
| TK02 | | | |
| Seminars | | | |
| TK01 | | | |
| TK02 | | | |
| Practicalclasses | | | |
| | | | |
| | | | |
| Simulation | | | |
| | | | |
| E-learning | | | |
| | | | |

| Booklist |
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| Obligatory literature: |
| 1. Avery's Neonatology Board Review 2019 Elsevier - Health Sciences Division |
| 2. |
| Supplementary literature: |
| 1. Fanaroff and Martin's. Neonatal-perinatal Medicine.2019 |

2.

| Student's workload | |
|--|------------------------|
| Form of student's activity (in-class participation; activeness, produce a report, etc.) | Student's workload [h] |
| | Tutor |
| Contact hours with the tutor | 12 |
| Time spent on preparation to seminars/ practical classess | 2 |
| Time spent on reading recommended literature | 4 |
| Time spent on writing report/making project | |
| Time spent on preparing to colloquium/ entry test | 4 |
| Time spent on preparing to exam | |
| Other | |
| Student's workload in total | 22 |
| ECTS credits for the subject (in total) | 1 |
| Remarks | |
| | |

* Selected examples of methods of assessment:

EP – written examination

EU –oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O –student's active participation and attitude assessment

SL –lab report

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedial presentation

other...