



48SJ-PED47
ECTS: 3
YEAR: 2023L

PEDIATRICS 4
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COURSE CONTENT
CLASSES

exercises: 1. Gathering history in children with suspected hormonal disorders and physical examination. Disorders of calcium and phosphate metabolism. Rickets. 2. Growth disturbance in children. Deficiency and excess growth. 3. Thyroid dysfunction. Hypothyroidism. Thyroid tumors. 4. Obesity. Metabolic syndrome. 1. Congenital malformations of the urinary system. Bladder-ureteral drains. 2. Urinary tract infections. 3. Urination disorders in children. 4. Proteinuria. Nephrotic Syndrome. seminars: 1. The endocrine system in children. 2. Growth deficits. 3. Obesity and overweight. 4. Parathyroid gland diseases. 5. Adrenal insufficiency (Addison's disease).

LECTURES

lack

EDUCATIONAL OBJECTIVE:

To acquaint the student with anatomical and physiological distinctions of the urinary system and the endocrine system in children. Preparing the student for differential diagnosis, treatment, supervision and prevention of urinary tract diseases, endocrine system disorders. Strengthening the skill of collecting interviews, physical examination. Programming therapeutic treatment and patient supervision.

DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES

Codes of learning outcomes in a major field of study: M/NM+++,

Codes of learning outcomes in a major area of study: E.U2.+ , E.U20.+ , E.U24.+ , E.U29.+ , E.U32.+ , E.U4.+ , E.W1.+ , E.W3.+ , E.W39.+ , K.1.+ , K.2.+ , K.3.+ , K.5+ ,

LEARNING OUTCOMES:

Knowledge

W1 - (E.W1) Knows and understands the environmental and epidemiological conditions of the most common diseases.

W2 - (E.W3) Knows and understands the causes, symptoms, principles of diagnosis and therapeutic treatment in the case of the most common diseases of children: a) rickets, tetany, convulsions, gastrointestinal, b) growth disorders, thyroid and parathyroid diseases, adrenal diseases, diabetes, obesity, puberty disorders and gonadal function

W3 - (E.W3) Knows and understands the causes, symptoms, principles of diagnosis and therapeutic procedure in the case of the most common diseases of children: urinary tract infections, urinary system congenital disorders, nephrotic syndrome, nephrolithiasis, acute and chronic renal failure, acute and chronic kidney inflammation, systemic kidney disease, urinary disorders, gastroesophageal reflux disease.

W4 - (E.W39) Knows and understands the types of biological materials used in laboratory diagnostics and the principles of collecting material for testing.

Skills

U1 - (E.U2) Can conduct a medical interview with the child and family.

U2 - (E.U4) Can conduct a physical examination of a child of all ages.

U3 - (E.U20) Can qualify the patient for home and hospital treatment;

U4 - (E.U24) Can interpret laboratory tests and identifies the causes of deviations.

U5 - (E.U29) Can perform basic procedures and medical procedures, including bladder catheterisation in men and women, probing the stomach, gastric lavage, enema.

U6 - (E.U32) Can plan specialist consultations.

Social competence

K1 - (K.1) Can establish and maintain a deep and respectful contact with the patient and demonstrate understanding of differences in worldview and culture.

K2 - (K.2) The student is guided by the well-being of the patient

K3 - (K.3) Obeys the medical confidentiality rule and respects patient rights.

K4 - (K.4) Notices and recognises its own limitations and makes a self-assessment of deficits and educational needs.

BASIC LITERATURE

1) R. Kleigman, K.J. Marcante, H.B. Jenson, R.E. Behrman, Nelson - Essentials of Pediatrics, wyd. Elsevier, 2010 ; 2) T. Lissauer, G. Clayden, Illustrated Textbook of Paediatrics., wyd. Mosby, 2012 ; 3) Teachers, seminars & lectures, wyd. UWM, 2019/2020

SUPPLEMENTARY LITERATURE

1) Wanda Kawalec, Andrzej Milanowski, Diagnostyka różnicowa najczęstszych objawów w praktyce pediatrycznej, wyd. PZWL, 2003 ; 2) K. Bożkowska, Dawkowanie leków u dzieci, wyd. PZWL, 2005

Course/module:

Pediatrics 4

Fields of education:

Course status: mandatory

Course group: B - przedmioty kierunkowe

ECTS code:

Field of study: Medicine

Specialty area: Medicine

Educational profile: General academic

Form of study: full-time

Level of study: uniform master's studies

Year/semester: 4 / 8

Type of course:

Classes, Seminar

Number of hours per semester/week: Classes: 40, Seminar: 5

Teaching forms and methods

Classes(K1, K2, K3, K4, U1, U2, U3, U4, U5, U6, W1, W2, W3, W4) : Exercise and practical classes in groups under the supervision of an assistant: problem, situational, brainstorming, case study., Seminar(K3, K4, U4, W1, W2, W4) : Multimedia presentation. Discussion of the problem on the example of a clinical case. Round table talk.

Form and terms of the verification results:

CLASSES: Evaluation of the work and cooperation in the group - Attendance at all exercises, seminars and lectures. Oral answer to the lecturer in a given range of lectures, exercises, seminars and pedagogy propedeutics. Obtaining 0 points from two tests during the block in the winter semester and 0 points from two tests during each of the two blocks in the summer semester results in failing exercises in a given semester. Obtaining ≥ 64 points from tests on exercises (max 40 points, medical history (max 2x15 points) and oral response (2x 10 points). The condition for admission to the test of students who have not passed the winter or summer semester will be to obtain an oral test at the head of the Department of Pediatrics. Failure to pass will result in the failure to admit the final test and the repetition of year IV.(K1, K2, K3, K4, U1, U2, U3, U4, U5, U6, W1, W2, W3) ; CLASSES: Report - Assessment of the medical history - individual case report.(U1, U2, U4, U6, W1, W2, W3) ; CLASSES: Written test - Passing min. 6 tests during the semester. The test consists of three written questions or three test questions (pass = correct answer to 2 questions). Countless test -0 points, passed - 5 points, max 40 points in the summer semester. Obtaining 0 points from two tests during the block in the winter semester and 0 points from two tests during each of the two blocks in the summer semester results in failing the exercises in the given semester. Obtaining ≥ 64 points from tests on exercises (max 40 points, medical history (max 2x15 points) and oral response (2x 10 points). The condition for admission to the test of students who have not passed the winter or summer semester will be to obtain an oral test at the head of the Department of Pediatrics. Failure to pass will result in the failure to admit the final test and the repetition of year IV.(U1, U4, U6, W1, W2, W3) ; CLASSES: Competence test - Zaliczenie końcowe IV roku: Test 100 pytań, zaliczenie

od 71 % Osoby, które nie zaliczyły testu będą odpowiadały ustnie (w czerwcu)
Niezaliczenie drugiego terminu oznacza powtórzenie IV roku. Ocena końcowa: suma z ćwiczeń w obu semestrach i wyniku testu. ≤ 71 niedostateczny 29-30 pkt dostateczny 31-33 pkt dostateczny + 34-36 pkt dobry 37-38 pkt dobry + 39-40 pkt bardzo dobry(U1, U3, U4, U6, W1, W2, W3, W4) ; SEMINAR: Part in the discussion - Student presence at all seminars.(K3, K4, U1, U4, W1, W2) ; SEMINAR: Competention test - Final exam of the 4th year: Test 100 questions, pass from 71% People who did not pass the test will answer orally (in June) Failure to complete the second term means repeating the fourth year. Final grade: sum of exercises in both semesters and test result. ≤ 71 insufficient 29-30 points, sufficient 31-33 points sufficient + 34-36 good points 37-38 good + points 39-40 points very good(U1, U3, U4, U6, W1, W2, W3, W4)

Number of ECTS points: 3

Language of instruction: English

Introductory courses:

Anatomy, Physiology, Pathology, Biochemistry, Histology with cytophysiology and embryology, Immunology, Microbiology, Pharmacology with toxicology, Physiology of child development. The principles of feeding children. Symptomatology of the most common childhood diseases. Physical examination of a child of different ages.

Preliminary requirements:

Mastering the knowledge of introductory subjects and the ability to use it in the context of collecting interviews, examining a child, assessing his development as the basis for conducting differential diagnostics in the field of urinary tract diseases, endocrine diseases, including diabetes and hematology.

Name of the organizational unit offering the course:

Katedra Pediatrii Klinicznej,

Person in charge of the course:

dr hab. n. med. Elżbieta Jarocka-Cyrta, prof. UWM

Course coordinators:

Notes:

Detailed description of the awarded ECTS points - part B

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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	40 h.
- participation in: seminar	5 h.
- consultation	2 h.
	47 h.

2. Student's independent work:

- getting to know the literature, covering the subject matter of classes (sources of obligatory and extracurricular knowledge).	28 h.
	28 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 75 h : 25 h/ECTS = 3,00 ECTS
on average: **3 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	1,88 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	1,12 ECTS points,