
Course title: PEDIATRICS 5

ECTS credit allocation (and other scores): 4 ECTS

Semester: spring

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 75

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Type of classes: classes and lectures

Substantive content

CLASSES:

Hematology

1. Upper respiratory tract disorders.
2. Lower respiratory tract disorders.
3. Indications for endoscopy in children. Diagnostic procedure of GI tract in children.
4. Liver disorders in children. Biliary tract disorders.
5. Bacterial diarrhea. Viral diarrhea
6. Exanthematous childhood disease
7. Parasitic infections Cardiology
8. Syncope
9. Chest pain, hypertension.
10. Arrhythmia

Seminars:

1. Food allergy. Food intolerance.
2. Coeliac disease. Gluten-related disorders. Feeding disorder.
3. Pancreatic disorders in children. Cystic fibrosis.
4. Oesophageal disorders in children
5. Viral and bacterial infections of upper respiratory tract in children.
6. Acute lower respiratory tract disorders in children.
7. Diagnostic methods of cardiovascular system in children.
8. Myocarditis.
9. Infective endocarditis, Kawasaki disease.
10. Cardiomyopathy.

LECTURES:

1. Congenital heart defects.
 2. Heart failure Infection diseases
 3. HIV in children.
 4. Tuberculosis in children.
 5. Pertussis.
 6. Emerging infectious diseases in children.
 7. Hospital-acquired infections in children
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Learning purpose: The student knows and understands the causes, symptoms, guidelines of diagnosis and therapeutic management of the most common diseases of the gastrointestinal tract, cardiovascular and respiratory system in children. Consolidation of skills to collect history, physical examination. Programming therapeutic, monitoring of the patient.

On completion of the study programme the graduate will gain:

Knowledge:

W1 - (E.W.1) Knows and understands the environmental and epidemiological factors which affect the most common disease.

W2 - (E.W2) Knows and understands the current guidelines of healthy and sick children nutrition, vaccination and maintaining obligatory child's health evaluation.

W3 - (E.W3) Knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases of children: heart defects, myocarditis, endocarditis and pericardium, cardiomyopathy, arrhythmias, heart failure, hypertension, syncope.

W4 - (E.W3) Knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases of children: acute and chronic diseases of the upper and lower respiratory tract, congenital defects of the respiratory system, tuberculosis, cystic fibrosis, asthma.

W5 - (E.W3) Knows and understands the causes, symptoms, principles of diagnosis and therapeutic management of the most common diseases of children: acute and chronic abdominal pain, vomiting, diarrhea, constipation, gastrointestinal bleeding, peptic ulcer disease, inflammatory bowel disease, pancreatic disease, cholestasis and liver disease, and other acquired diseases and birth defects of the gastrointestinal tract.

W6 - (E.W3) Knows and understands the causes, symptoms, rules of diagnostic and the therapeutic procedures in the most common paediatric diseases: the most common infectious diseases of childhood.
of the kidneys, kidney systemic diseases, urination disorders, gastro-uric acid reflux disease.

Skills:

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

U2 - (E.U12) Can conduct differential diagnosis of the most common diseases in children.

U3 - (E.U13) Can assess and describe the somatic and mental state of the patient.

U4 - (E.U16) Can plans diagnostic, therapeutic and prophylactic procedures.

U5 - (E.U20) Can qualify the patient for home and hospital treatment;

U6 - (E.U20) Can plans specialist consultation

Social Competencies:

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) Marcdante K., Kliegman R.M, Nelson Essentials of Pediatrics, wyd. Saunders, 2011, t. 6 ; 2) Lissauer T., Clayden G, Illustrated Textbook of Pediatrics, wyd. Mosby, 2011

Supplementary literature:

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 77h

Student's independent work: 23h