

Course description

Part 1

General information about the course		
1. Major of study: medicine	2. Study level: unified MSc	
	3. Form of study: intramural	
4. Year: VI	5. Semestr / Semester: XI/XII	
6. Course name: PEDIATRICS SUB I		
7. Course status: required		
8. Course contents nad assigned learning outcomes		
1. Advancement of skills in the assessment of physiological and pathological child development (growth and development charts plotting)		
2. Master the knowledge and practical skills in performing and interpretation of physical examination results, diagnostic workup, differential diagnosis and treatment in pediatric endocrinology		
Learning outcomes / reference to learning outcomes indicated in the standards		
For knowledge – student knows and understands:		
1. Knows endocrine diseases in children (short/tall stature, precocious/delayed puberty, thyroid and parathyroid diseases, adrenal diseases, obesity and its complications) – ew3		
2. Knows the diagnostic workup in endocrine diseses and knows how to interpret them – ew 3		
3. Knows the treatment of endocrine diseases in children – ew3		
For skills student can do:		
1. Perform physical examination and take a medical history in a child with endocrine disease – interpret and make conclusions – eu6, eu7, eu12, eu13, eu16		
2. Perform differential diagnosis in a child with endocrine disease – eu12		
3. Plan laboratory evaluation in a child with endocrine disease - eu16,eu24		
4. Interpret test results in a child with endocrine disease - eu24		
5. Propose diagnostic workup and treatment in a child with endocrine disease – eu12, eu16,eu31		
6. Perform anthropometric measurements and use growth charts in a child with endocrine disease – eu9, eu10		
7. Perform growth and development evaluation in a child with endocrine disease - eu4,eu10		
For social competencies student is ready to:		
1. Able to establish and maintain a deep and respectful contact with the patient – k1		
2. Directs the good of the patient, putting them in the first place – k2		
3. Complies with medical confidentiality and patient rights – k3		
4. Is aware of his own limitations and the ability to lifelong learning – k4		
9. Number of hours for the course		30
10. Number of ECTS points for the course <i>*for the whole block of pediatrics sub-I</i>		6
11. Methods of verification and evaluation of learning outcomes		
Learning outcomes	Methods of verification	Methods of evaluation*
Knowledge	Grade credit – case presentation	*
Skills	Report Observation	*

Competencies	Observation	*
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* The following evaluation system has been assumed:

Very good (5,0) – the assumed learning outcomes have been achieved and significantly exceed the required level

Better than good (4,5) – the assumed learning outcomes have been achieved and slightly exceed the required level

Good (4,0) – the assumed learning outcomes have been achieved at the required level

Better than satisfactory (3,5) – the assumed learning outcomes have been achieved at the average required level

Satisfactory (3,0) – the assumed learning outcomes have been achieved at the minimum required level

Unsatisfactory (2,0) – the assumed learning outcomes have not been achieved

Course description

Part 2

Other useful information about the course		
12. Name of Department, mailing address, e-mail: Department of Pediatrics and Pediatric Endocrinology, endo_sk6@sum.edu.pl		
13. Name of the course coordinator: Agnieszka Zachurzok, MD PhD		
14. Prerequisites for knowledge, skills and other competencies: 1. Knowledge of pediatric propaedeutics, ability to perform physical examination of the child and taking history 2. Knowledge of physiology of development and puberty 3. Knowledge of the basics of physiology and pathophysiology of endocrine diseases		
15. Number of students in groups	In accordance with the Senate Resolution	
16. Study materials	changing shoes, apron, stethoscope, notebook, pen	
17. Location of classes	Department of Pediatrics and Pediatric Endocrinology	
18. Location and time for contact hours	Department of Pediatrics and Pediatric Endocrinology, GCZD, after agreement with the teacher	
19. Learning outcomes		
Number of the course learning outcome	Course learning outcomes	Reference to learning outcomes indicated in the standards
P_W01 / C_K01	Knows endocrine diseases in children (short/tall stature, precocious/delayed puberty, thyroid and parathyroid diseases, adrenal diseases, obesity and its complications)	Ew3
P_W02 / C_K02	Knows the diagnostic workup in endocrine diseases and knows how to interpret them	Ew3
P_W03 / C_K03	Knows the treatment of endocrine diseases in children	Ew3
P_U01 / C_S01	Perform physical examination and take a medical history in a child with endocrine disease – interpret and make conclusions	eu6, eu7, eu12, eu13, eu16
P_U02 / C_S02	Perform differential diagnosis in a child with endocrine disease	eu12
P_U03 / C_S03	Plan laboratory evaluation in a child with endocrine disease	eu16,eu24
P_U04 / C_S04	Interpret test results in a child with endocrine disease	eu24
P_U05 / C_S05	Propose diagnostic workup and treatment in a child with endocrine disease	eu12, eu16,eu31
P_U06 / C_S06	Perform anthropometric measurements and use growth charts in a child with endocrine disease	eu9, eu10
P_U07 / C_S07	Perform growth and development evaluation in a child with endocrine disease	eu4,eu10

20. Forms and topics of classes		Number of hours
21.1. Lectures		10
Thyroid disorders (congenital hypothyroidism, hyperthyroidism, thyroid nodules)		2
Adrenal disorders (congenital adrenal hyperplasia, Cushing disease, adrenal insufficiency)		2
Puberty disorders (precocious/delayed puberty)		2
Short stature		2
Endocrine cases		2
23.3. Labs		20
Diagnosis and treatment in children with endocrine diseases - history taking, physical examination, differential diagnosis, diagnostic work-up, treatment		20
24. Readings		
Nelson Essentials of Pediatrics, By Karen Marcdante , Robert M. Kliegman, 2018		
Illustrated Textbook of Paediatrics, By T Lissauer, 2017		
25. Detail evaluation criteria		
In accordance with the recommendations of the inspection bodies Completion of the course – student has achieved the assumed learning outcomes Detail criteria for completion and evaluation of the course are specified in the course regulations		