

Program of Study : Dentistry

Course : Paediatrics

Abbreviation : DET/ZAA12

Schedule : 15 hours of seminars
15 hours of clinical training

Course Distribution : 5th year, 9th semester

Number of Credits : 2

Course Form : Seminars; clinical training

Seminars :

Teachers : Odb. as. MUDr. Barbora Ludikova, Ph.D.

Classes : Classes take place on Wednesday, just even weeks from the 24th October to the 21st December 2022.

winter semester – 44th, 46th, 48th, 50th and 52nd week, 11,00 -12,30
Lecture room, 7th floor Department of Pediatrics

	Day	Topic	Number of lessons	Teacher
1	26. 10. 2022	The growth and development of the child. Characteristics of different age groups in terms of the somatic, psychomotor, immunological and psychosocial development.	3	Ludikova
2	9. 11. 2022	Allergic diseases in children - clinical manifestations. Bronchial Asthma - diagnosis and therapy, anaphylactic shock. Bleeding disorders - thrombocytopenia, coagulopathies: including hemophilia, DIC, vasculopathy.	3	Ludikova
3	23. 11. 2022	Nutritional disorders in children. Malabsorption syndrome, cystic fibrosis, inflammatory bowel diseases, congenital defects of GIT including orofacial region.	3	Ludikova
4	07. 12. 2022	Infectious diseases in children, immunization. Overall infectious diseases, infections of the oral cavity and oro-facial region. Inflammation - diagnosis, differential diagnosis.	3	Ludikova

5	21. 12. 2022	The most common endocrine disorder in children. Diabetes mellitus, thyroid disease, disorders of calcium-phosphorus metabolism.	3	Ludikova
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Clinical training:

Leading Teacher : Odb. as. MUDr. Barbora Ludikova, PhD.

Study : Continuous, Department of Pediatrics from 12,30 to 15,30 am

	Day	Subject	Number of lessons
1	26. 10. 2022	Physical examination of the infant, toddler, preschooler and school kid. Evaluation of somatic development in practice (growth, weight, dentition, puberty, bone age).	3
2	9. 11. 2022	Evaluation of psychomotor development in practice. Examination of the child with cerebral palsy and other neurological disabilities. Interpretation of the results of laboratory tests.	3
3	23. 11. 2022	Examination of the child with the disease of GIT. Differential diagnosis and therapy. Fever - treatment.	3
4	07. 12. 2022	Examination of the child with respiratory disease - differential diagnosis and therapy. Examination of the child with blood disorders (anemia, bleeding, hemoblastosis).	3
5	21. 12. 2022	Examination of the child with kidney and urinary tract disease - differential diagnosis and therapy. Examination of the newborn.	3

Graduation : Colloquium

Requirements for graduation: Full Number of internships and seminars / we accept 10% absence (2 days). Absence in the lessons always be announced to the secretariat Mgr. Hana Danyi.

Recommended literature:

1. Nelson, W. *Essentials of Pediatrics*. Saunders Company USA, 6th edition (April 14, 2010)
2. Lissauer, T., Clayden, G. *Illustrated Textbook of Pediatrics*. Mosby England, 4th edition (21 Sep 2011)
3. Mihal V et al.: [Vybrané kapitoly z pediatrie -aktualizované a rozšířené vydání](#). Elektronické vydání, 2012