SYLABUS

Subject:	***Paediatric Dentistry 1***		
Study programme:	*Dental Medicine*	**Semester:**	*9. semester*
Assessment:	passed	**Obligation:**	*obligatory*
Number of hours:	*2hours lectures+4 hours practicals/7weeks*		*42 hours*

Place: Department of Stomatology and Maxillofacial Surgery
1 st Department of Stomatology
Department of Stomatology and Maxillofacial Surgery and Specialized Hospital for Head and Neck Diseases, Academy of Košice, n.o

Lectures: Lecture room PM

Week	***Lectures***	***Practice***
1.	Introduction to pediatric dentistry. Examination of the patient, documentation in pediatric dentistry, organization of care. X-ray examination of children, indications, imaging techniques, types of images, X-ray protection equipment. **23.11.2026 14:15-15:45 PM** **MDDr. Jaroslav Ďurica**	Introduction to pediatric dentistry. Examination of the patient, documentation in pediatric dentistry, organization of care. X-ray examination of children, indications, imaging techniques, types of images, X-ray protection equipment.
2.	Development of the orofacial system, development and eruption of deciduous and permanent dentition, morphology of deciduous dentition. Disorders of the eruption. **24.11.2026 09:45-11:15 PM** **MDDr. Jaroslav Ďurica**	Development of the orofacial system, development and eruption of deciduous and permanent dentition, morphology of deciduous dentition. Disorders of the eruption.
3.	Developmental anomalies of the teeth. Disorders of the development of hard dental tissues. **25.11.2026 08:00-09:30 PM** **MUDr. Jana Kaiferová, PhD**.	Developmental anomalies of the teeth. Disorders of the development of hard dental tissues.

4.	Cariology in deciduous dentition, filling materials. **26.11.2026 14:15-15:45 PM** **MUDr. Jana Kaiferová, PhD**.	Cariology in deciduous dentition, filling materials for deciduous dentition.
5.	ECC, etiology, diagnostics, treatment, consequences of untreated caries in deciduous dentition. **01.12.2026 09:45-11:15 PM** **MUDr. Jana Kaiferová, PhD**.	Early childhood caries, etiology, diagnostics, treatment, consequences of untreated caries in deciduous dentition.
6.	Fluoride and non-fluoride caries prevention in children. Preventive programs for the reduction of dental caries in children, caries risk evaluation. **03.12.2026 12:30-14:00 PM** **MUDr. Jana Kaiferová, PhD**.	Fluoride and non-fluoride caries prevention in children. Preventive programs for the reduction of dental caries in children, caries risk evaluation.
7.	Case reports. Credit test. **11.12.2026 08:00 -09:30 PM** **MUDr. Jana Kaiferová, PhD**.	

Specific requirements for credit (passing the course):
Completion of 100% participation in practical exercises and lectures.
Continuous control with a record of evaluation during clinical teaching.
Final test with a minimum knowledge assessment of 65% in the relevant semester.
Completion of practical exercises in the prescribed scope according to the List of Clinical Practice Exercises.

List of performances during clinical practice:
Comprehensive examination of the pre-school age children and treatment plan
Comprehensive examination of a patient of school age and treatment plan
Comprehensive examination and treatment plan of the patient in adolescent age (15-18)
Determination of bone age on panoramic radiograph
Fissure sealants, Preventive fillings
Filling deciduous teeth
Filling permanent teeth
Indirect dental pulp capping

Extraction of deciduous teeth
Extraction of permanent teeth
Devitalitasation of the pulp
Root canal treatment of deciduous teeth
Local anesthesia

Recommended litarature:

- Dean JA, Avery DR, McDonald RE, editors. *McDonald and Avery's Dentistry for the Child and Adolescent*. 11th ed. St. Louis (MO): Mosby/Elsevier; 2021.
- Welbury R, Duggal MS, Hosey MT, editors. *Paediatric Dentistry*. 5th ed. Oxford: Oxford University Press; 2018.
- Cameron AC, Widmer RP. *Handbook of Pediatric Dentistry*. 5th ed. Edinburgh: Elsevier; 2021.