
SYLABUS

Course title:	<i>Anaesthesia and Sedation in Dentistry</i>		
Study programme:	<i>Dentistry</i>	Study period:	<i>3rd semester</i>
Assessment	<i>exam</i>	Course status:	<i>compulsory</i>
Teaching hours:	<i>1 h lecture and 1 h practical class / week</i>		<i>Total hours: 28</i>

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

Tuesday ECW P1 15:45 - 17:15

<i>Week</i>	<i>Lectures</i>	<i>Practical classes</i>
1.	Definition and classification of anaesthesia and sedation, indications and contraindications. Essential pharmacology for clinical practice. 29.09.2026 15:45-17:15 doc. MUDr. Peter KIZEK, PhD.	Review of anatomical knowledge. Patient assessment: medical history, clinical examination, laboratory investigations Overview of instruments
2.	Local anaesthetics 13.10.2026 15:45-17:15 doc. MUDr. Peter KIZEK, PhD.	Overview of local anaesthetics, indications, contraindications and clinical use.
3.	Techniques of topical, infiltration and nerve block anaesthesia in the maxilla. 27.10.2026 15:45-17:15 doc. MUDr. Peter KIZEK, PhD.	Practical training in topical, infiltration and nerve block anaesthesia techniques in the maxilla. .

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4.	Techniques of topical, infiltration and nerve block anaesthesia in the mandible. 10.11.2026 15:45-17:15 doc. MUDr. Peter KIZEK, PhD.	Practical training in topical, infiltration and nerve block anaesthesia techniques in the mandible.
5.	Dental treatment of a patient under sedation 24.11.2026 15:45-17:15 MUDr. Vladimíra SCHWARTZOVÁ, PhD.	Methods of dental treatment under sedation - indications, contraindications, routes of administration and complications
6.	Dental treatment of a patient under general anaesthesia. Methods of airway management. Medical emergencies during anaesthesia and sedation. 08.12.2026 15:45-17:15 MUDr. Andrej JENČA, PhD., MBA	Medical emergencies - classification, recommended management and prevention. Basics of cardiopulmonary resuscitation
7.	Complications of local and general anaesthesia doc. MUDr. Peter KIZEK, PhD. FINAL TEST	Definition, classification, management and prevention of complications during treatment of a patient under anaesthesia and sedation

Specific course completion requirements:

100% attendance at practical classes and lectures. Continuous assessment with recorded evaluation during clinical training. Completion of the final test covering the lectures with a minimum score of 60%. Completion of the prescribed clinical training procedures, with a final assessment of practical skills achieving a minimum score of 60%.

Final test with a minimum knowledge assessment score of 60% in the respective semester.

Recommended literature:

Baart JA., Brandt HS. et al: Local anesthesia in dentistry, Springer, 2017, 202 p., ISBN: 3319437046

Miloro M. et al.: Peterson's Principles of Oral and Maxillofacial Surgery. Springer Nature Switzerland, 2022, 2328 p., ISBN: 3030919196

Malamed SF.: Handbook of local anesthesia – 8th edition, Elsevier, 2026, 461 p. ISBN: 9780443278433

Malamed SF.: Sedation – A Guide to Patient management – 7th edition, Mosby, 2025, 584 p. ISBN: 9780443114038 Stanko P. et al.: Dentoalveolar and Maxillofacial Surgery. Tlačiareň P+M, 2025, 292 p., ISBN: 9788069123090