

COURSE SYLLABUS

ORAL AND MAXILLOFACIAL SURGERY IV.

Semmelweis University Faculty of Dentistry, Dentistry
Name of the course: Oral and Maxillofacial Surgery IV.
Credit value: 5
Lessons (<i>in hours in the whole semester</i>): 84, from this lectures: 14 practices: 70 seminars: 0
Type of the course: compulsory
Semester in which it is announced according to the curriculum: 9th
Frequency of announcement: per semester
The responsible educational and research organizational unit for teaching the subject: Department of Oro-Maxillofacial Surgery and Stomatology
Academic year: 2025/2026 I. semester
Subject (Neptun) code¹: FOKOSZB353_4A
Lecturer of the course: Prof. Zsolt Németh, director
Academic position: professor
Telephone: 06 1 266 0456
The goals and place of the course in regards to the education of dental students: The aim of the course is to provide all the necessary skills and knowledge for future dentists, that enables them to perform basic oral surgical procedures under supervisory control.
Location of the course (<i>address of lecture hall, seminar room etc.</i>): Department of Oro-Maxillofacial Surgery and Stomatology, Budapest, 1085 Mária utca 52. lecture hall, seminar rooms No. I., II., Ambulance
Competences necessary to be completed for the course: Skill-level diagnosis and differential diagnosis of oral surgical diseases occurring during dental practice. Theoretical knowledge of therapeutic options and independent solution of simpler cases.
Pre-study requirements and prerequisites of course registration and completion: Implantology I., Periodontology II., Oral and maxillofacial Surgery III.
In case of a multi-semester subject, the standpoint of the educational-research unit on the concurrent subject registration and on the requirements of permission thereof: It is not possible.
Number of students required for the course (<i>min., max.</i>): The number of students on each course will be determined according to the expected number of students, taking our educational capacity into consideration. Each course will held as declared in the rules of small-group education.
Method of course registration: via the Neptun system
Detailed course/lecture description²: (<i>to facilitate credit recognition in other institutions</i>)
Lectures: 1. The evolution of modern oral surgery in Hungary 2. Praecancerous lesions and conditions in the max.facial region. Screening and its importance. 3. Malignant tumors in the head and neck region I. (Diagnosis, pathology) 4. Malignant tumors in the head and neck region II. (complex treatment, surgical procedure) 5. Benign tumors in the head and neck region. 6. Reconstructive surgery in the maxillofacial region. 7. Current issues of anticoagulation 8. Written midterm 9. The modern diagnosis and therapy of maxillofacial traumatology 10. Biological principles of bone healing and regeneration. 11. Decision making in conservative and surgical orthognathia. 12. The role of autologous blood products in regenerative surgery.

13. General anesthesia in oral surgery and outpatient surgery.

14. Consultation

Practice:

A. Outpatient treatments:

Practicing simple and complex tooth extractions. Removal of teeth, roots and retained teeth. Practicing minor soft tissue surgeries. Assistance in various dentoalveolar surgical operations. Discussing the topics of the lecture. Regularly checking of the acquired theory.

B. Inpatient class practice:

1 week practice at in-patient ward. Getting insight in to the work of the Maxillofacial department. Surgical assistance in head and neck surgeries.

Lecturers and practice teachers:

Dentoalveolar surgery:

Specialists

Dr. Amir Hossein Ashourioun

Dr. Kinga Bérczy

Dr. Katalin Csurgay

Dr. Attila Iványi

Dr. Árpád Joób Fancsaly

Dr. Hardi Eszter

Dr. István Kaposvári

Dr. Dorottya Kiss

Dr. György Komlós

Dr. Ferenc Koppány

Dr. Kinga Renáta Körmöczy

Dr. Petra Papócsi

Dr. Béla Régeni

Dr. György Szmírnov

Dr. Ilona Szmírnova

Dr. Attila Szűcs

Residents:

Dr. Márton Ács

Dr. Adrienn Beszedics

Dr. Zita Biczó

Dr. Emese Sarolta Dora

Dr. Patrik István Füzes

Dr. Emma Horváth

Dr. Huba Donát Juhász

Dr. Gábor Kammerhofer

Dr. Eva Alexia Klenk

Dr. Ábel Major

Dr. Barnabás Oláh

Dr. Anna Boglárka Tóth

Dr. Botond Veres

Dr. Huy Viet

Dr. Réka Zsemberi

Maxillofacial surgery:

Specialists in maxillofacial surgery:

Dr. Péter Barabás

Dr. Sándor Bogdán

Dr. Gergely Soma Csókay

Dr. Tamás Huszár

Dr. Péter Lillik

Dr. Zsolt Németh

Dr. Zsófia Somogyi

Dr. Szófia Katalin Szentpéteri

Dr. György Szabó

Dr. Mihály Tamás Vaszilkó

Dr. Tamás Würsching

Residents:

Dr. Lőrinc Zatik

Dr. Ákos Dora

Dr. Anita Györffi

Lecturers from other institutions of Semmelweis University:

Dr. Tamás Vízkelety

Courses (*obligatory and optional*) which partially or entirely overlap the topics of the below listed courses:

Macroscopic anatomy, Periodontology, Oral Implantology

The use of Artificial Intelligence (AI) in teaching the subject: AI does not replace medical literature, textbooks, lecture materials, or clinical practice. All AI-generated information must be evaluated with critical thinking.
Required special academic work for completing the course³: None
Attendance on practices and lectures, make-ups in case of missed sessions: See appendix No. 1.
Method of checking acquired knowledge during the study period⁴: See appendix No. 1.
Requirements of an accepted semester: See appendix No. 1.
Type of the exam: Practice grade
Grading of courses⁵: The conditions of the practical grade is seen in subject requirement appendix No.1. Practical course grade varies between 1 and 5. The semester's material includes the theoretical and practical content from the textbooks, lectures, and practical sessions. The use of any aids during the examination is strictly prohibited. During assessments (exams, midterms), it is not permitted to rely solely on AI-generated information or statements. AI alone is not considered a scientific source, as the source of a given response cannot be reliably traced or verified.
The possibility and requirements of an offered grade: It is not possible.
List of textbooks, lecture notes and recommended textbooks: <u>List of compulsory textbooks:</u> György Szabó: Oral and Maxillofacial Surgery, Semmelweis Kiadó Budapest, 2001 <u>Recommended literature:</u> Howe. A Minor Oral Surgery, Wright, 1987 Howe: The Extraction of Teeth, Wright 1990 Steward et al.: An Outline of Oral Surgery, Wright, 1998 Peterson: Contemporary Oral and Maxillofacial Surgery, Mosbó, 2003 Peterson: Principles of Oral and Maxillofacial Surgery, Decker, 2004 Robinson, Howe: Tooth Extraction. A practical guide, Oxford, 2000 Ward Booth, Hausamen, Schendel: Maxillofacial Surgery, C. Livingston Elsevier, 2007
<u>No 1. appendix to Requirements in Oral and Maxillofacial Surgery IV. 2025/2026/I. semester</u> a. You may check the topics of the practices on separate sheet of paper. b. Attendance of the practices is obligatory and will be regularly checked. Attendance of the lectures is not mandatory and will be randomly checked but the absences does not affect the final grade of the semester. c. Absences from the practical courses attested with sick note still counts as an absence, but in this case the missed class can be made up with other groups. d. The lecture material will be available on the Moodle platform. The study materials, videos and audio files are owned by the Department of Oro - Maxillofacial Surgery and Stomatology. Sharing and any further utilisation is not allowed. For violation of the data management regulations the students are legally and ethically liable. e. Practices: I. Regular weekly practice (2 hours/week) at the outpatient department. II. One week practice at the inpatient ward: see on separate sheet. f. Throughout the semester the acquired material of the lectures and practices will be regularly tested either orally or in a written form. The time of the midterms will be assigned by the practice leaders.

- g. A written midterm test will be held on *week 8 (21.10.2025, supervisor Dr. Dorottya Kiss)* at the venue and time of the lecture (material of the 5th, 6th, 7th, 8th and 9th semester). A pass in this midterm is the condition for acceptance of the term.
- h. Absences from midterms are only accepted in case of presenting a valid certificate. In case of uncertified absences the mark of that midterm would be considered as „failed”. In case of failed midterm there are two possibilities to retake it. Passing all the midterms is the condition of releasing a student to the exam.
- i. The signature at the end of the term may be denied if a student
- misses more than 3 practices
 - shows ignorance of the material presented at the lectures and the practices - this is evaluated by the practice leader (specialist of dento-alveolar surgery)
 - the average of the midterm's grades is below 2 (pass)

The student will be notified about the negation of the signature no later than week 13.

- j. There is no exam at the end of the first term of the fifth year. The practical marks will be based on the attendance, diligence and the results of the midterms. The final mark will be announced during week 13. According to the decision of the practice leader, improving the final mark during the last week of the semester may be possible. Changes to the practical mark cannot be made after the end of the semester.
- k. Usage of cell phones during the time of the practices is prohibited. If the student uses a mobile phone despite the warning of the practice leader, they cannot continue the given practice and have to leave the practice hall immediately. This dismissal is equal with an absence which takes into account of the permitted (maximum 3) absences in a semester. For taking notes during the time of the practices students can use: tablets, notebooks, small laptops.
- l. It is not allowed to take photos and audio recording during lectures and practices.

Signature of course lecturer:

Signature of head of department:

Date of submission:

Opinion of OKB:

Notes from the Dean's Office:

Signature of Dean:

¹ Filled out by the Dean's Office following approval

² Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors

³ Eg. field practice, medical chart analysis, survey conducting, etc.

⁴ Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement.

⁵ Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments.