



**Karolinska
Institutet**

Course syllabus for

Oral Surgery, 4.5 credits

Käkkirurgi, 4.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

[Autumn2011](#) , [Autumn2014](#) , [Autumn2015](#) , [Autumn2016](#) , [Autumn2017](#) , [Autumn2018](#) , [Autumn2021](#)

Course code	2TL036
Course name	Oral Surgery
Credits	4.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Odontology
Level	AV - Second cycle
Grading scale	Pass, Fail
Department	Department of Dental Medicine
Decided by	Programnämnd 10
Decision date	2011-07-06
Revised by	Programme Committee 10
Last revision	2014-04-28
Course syllabus valid from	Autumn 2014

Specific entry requirements

Students who fail a clinical placement (or equivalent) as a result of demonstrating such a serious lack of knowledge, skills or attitude that patient safety or the patients' confidence in medical care is at risk, will only be qualified for a new clinical placement once the individual action plan has been carried out.

Objectives

The course consists of 2 modules.

Module 1: Oral and maxillofacial surgery: 3.8 credits.

After this course, the student should be able to:

- Describe and explain the subject areas that are included in oral surgery.
- Decide and explain when a patient should be referred to a specialist in oral surgery.
- Describe general surgical principles.
- Through medical history taking and clinical study assess patients' previous and current local and general health conditions and understand the relationship between the oral and the general medical

condition.

- Be able to make a preoperative medical risk assessment and show advanced knowledge of when antibiotic prophylaxis is motivated and its effect on the patient and the environment.
- Evaluate symptoms, explain and reflect on clinical oral surgical decisions with a therapeutic and holistic attitude towards the patient.
- Explain, plan and justify indications for surgical extraction and simple dentoalveolar surgery.
- Predict local and systemic risks in dentoalveolar surgery.
- Demonstrate knowledge of post-operative pain alleviation in relation to the extent of the intervention and the patient's pain and be familiar with inappropriate choice of drugs from an environmental perspective.
- Make conclusions on the importance of hemostasis and how this can be achieved practically through surgical measures.
- Understand the difference between acute and chronic infection and interpret clinical signs of serious infection.
- Show knowledge of the relationship between the prescription of antibiotics concerning amount and choice of drugs and the development of antibiotic resistance at the individual and societal level.
- Show advanced understanding of the contribution of dental care to antibiotic resistance and its consequences for modern dental care and health care.
- Be able to understand the meaning of, and argue for, the rational use of antibiotics and demonstrate deep knowledge of the drugs that are suitable for dental infections.
- Understand the meaning of "good hygienic standards" and their importance for the transmission of nursing related infections including antibiotic resistant bacteria.
- Know and describe the applied anatomy of the head and the throat area.
- Determine when cardiopulmonary resuscitation (CPR) is necessary and be able to execute CPR.
- Be able to explain when histopathologic and microbiological sampling is indicated.
- Diagnose tooth and jaw trauma, suggest treatment and make a prognosis.
- Diagnose and account for the treatment of patients with common oral maxofacial surgery (OMFS) disorders and oral medical disorders as well as oral manifestations of systemic diseases.

Module 2: Oral medicine- patients with special needs: 0.7 credits.

After this course, the student should:

- Have knowledge and an understanding of changes in the the oral mucosa during malignancy and other serious diseases.
- Have knowledge and an understanding of the relation between medical and dental factors for patients with special needs and be able to integrate this knowledge in the prognosis of the individual patient case.

Content

Module 1: Oral and maxillofacial surgery: 3.8 credits

- Lectures covering the most important areas within oral surgery and oral medicine.
- Clinical seminars and demonstrations.
- Clinical observation duty on OMFS reception including ward rounds, OMFS investigation, treatment planning, outpatient surgery and central surgery.
- Clinical duty at a dentoalveolar surgery clinic.
- Cardiopulmonary resuscitation.
- Theme days in acute tooth and jaw trauma and oral pathological ward rounds.
- Written reflection on the clinical placement.

Module 2: Oral medicine- patients with special needs: 0.7 credits

- Lectures about the dental treatment of the ill, fragile and care dependent patient.

- Clinical observations when performing dental and oral hygiene care for ill and nursing dependent patients.

Oral and maxillofacial surgery, 3.8 hp

Grading scale: GU

Oral medicine - patients with special needs, 0.7 hp

Grading scale: GU

Teaching methods

Module 1: Oral and maxillofacial surgery: 3.8 credits

- Lectures in oral surgery and oral medicine that include wisdom tooth surgery, orthognathic surgery, face trauma, TMJ surgery, cyst of the jaw, benign tumours, hemmorage, treatment of infections and jaw bone necrosis.
- Patient based clinical exercises, demonstrations and seminars on trauma, infections, applied anatomy and wisdom tooth surgery, including preoperative sedation and postoperative analgesia.
- Clinical observation duty at OMFS triage and assistance at outpatient and central OMFS operations.
- Cardio-pulmonary resuscitation, training on a dummy.
- Clinical duty at a dentoalveolar surgery clinic.
- Theme days:
 - * Acute tooth and face trauma in children and adults where different patient cases are presented and mulitple dental specialists participate.
 - * Oral pathological ward rounds where specialists from oral radiology, oral pathology and oral surgery participate.
- Written reflection on the clinical placement.

Module 2: Oral medicine patients with special needs: 0.7 credits

- Lectures, clinical observation and seminars.

Examination

Module 1: Oral and maxillofacial surgery: 3.8 credits

- Written examination
- Compulsory attendance at seminars, demonstrations and clinical observation during triage and outpatient surgeries.
- Approved written reflection.

Lack of attendance at demonstrations or clinical duty should be compensated by supplementary assignments from the course coordinator or an additional clinical duty.

Module 2: Oral medicine- patients with special needs: 0.7 credits

- Oral examination concerning patients with special needs.

Limited number of examinations or practical training sessions:

The course coordinator decides if and how absence from training should be compensated. Before the

student has participated in compulsory parts or compensated absence in accordance with the instructions of the course coordinator, the student's results are not registered for the course/modules in LADOK (student registry).

Students who do not pass a regular examination are entitled to re-sit the examination on five more occasions. If the student has failed six examinations/tests, no additional examination is given. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is regarded as an examination. *In* case a student is registered for an examination but does not attend, this is not regarded as an examination.

The examiner may, with immediate effect, interrupt a student's clinical placement (or equivalent) if the student demonstrates such serious deficiencies in knowledge, skills or attitude that patient safety or patient confidence in healthcare is at risk. If a clinical placement is interrupted in this way the student is deemed to have failed that element and to have used up one clinical placement opportunity. In such cases, an individual action plan should be set up stating which activities and tests are required before the student is qualified for a new clinical placement on the course.

Eligibility

Students who have failed the clinical proficiency training as a consequence of demonstrating deficiencies in knowledge, skills or attitudes so serious that patient safety or patient confidence in healthcare is at risk are qualified to resume the clinical proficiency training only when the individual action plan has been completed.

Transitional provisions

Examination according to the earlier literature list of this course syllabus is provided a year from 01/01/2010.

Other directives

A course evaluation is carried out according to the guidelines as established by the Board of Education.

Literature and other teaching aids

Axéll, Tony

Munslemhinneförändringar : klinik och behandling

5., omarb. uppl. : Stockholm : Gothia, 2006 - 120 s.

ISBN:91-7205-264-3 (inb.) LIBRIS-ID:7623043

[Library search](#)

Contemporary oral and maxillofacial surgery

Hupp, James R.; Tucker, Myron R.; Ellis, Edward

5. ed. : Edinburgh : Mosby, 2008 - xiv, 714 s.

ISBN:978-0-323-04903-0 (hbk.) LIBRIS-ID:10719266

[Library search](#)

Rosén, Annika

Lokalanestesi och smärta

Jarnbring, Fredrik

Studentlitteratur AB, 2008

Scully, Crispian; Dios, Pedro Diz; Kumar, Navdeep

Special care in dentistry : handbook of oral healthcare

Edinburgh : Churchill Livingstone, 2006 - xi, 504 p.

ISBN:0-443-07151-9 LIBRIS-ID:10216302

[Library search](#)