

DEN2008 Oral Surgery I

(propaedeutic)

Course title	Code	Semester	Type of course	Course structure and volume (hours)			2020-2021 ECTS
Oral Surgery 1 (propaedeutic)	DEN2008	IV	Mandatory	LECTURE	15	120	4
				Seminar	10		
				Teaching in Stimulatory environment (TSE)	25		
				Teaching in clinical environment (TCE)	10		
				Midterm EX.	1		
				FINAL EX.	2		
				INDEP. WORK	57		
Faculty, the educational program and level of education	School of Dental Medicine One cycle (5-years duration) Higher Educational program “Dentistry”						
staff	Nino Tebidze – Associate Professor, PhD, DMD, e-mail:nino.tebidze@bauinternational.edu.ge Mob.: 574089090 Melis Haydarpasa- Invited Teacher, Mob.tel Email: i? Kakabadze Davit- Invited Teacher, Personal one-to-one consultation can be arranged at an agreed upon date and time.						
Duration	14 weeks						
Prerequisite	DEN2005 Surgical Anatomy of Head & Neck Area						
Aim	The aim of this course is to develop knowledge of indication and contraindication of anesthesia and tooth, root and impacted tooth extraction, selection of forceps and elevators used during extraction, suturing, treatment of complications during surgical procedure and postsurgical period. Skills of tooth and root extraction						
Methods of Teaching/Learning	Lectures; Seminars; TSE,TCE						

Student's knowledge assessment:

The knowledge of the student is evaluated by 100 point-based evaluation system out of which 40 score is allocated for the current activity, 20 point for midterm exam and 40 points for the final exam.

1. Current activity - 20 points, including the following:

- CBL (2 sessions, 5 points each) - 10 points
- Practical Activities Assessment (10 sessions, 2 points each) – 20 points
- Verbal presentation (5 sessions, 2 points each) – 10 points

2. Midterm –MCQ – 20 points

3. Final exam-MCQ- 20 points and Practical Exam (TSE)– 20 points

Clinical Case assessment (CBL) criteria

1. Ability of case interpretation - 1 point;
2. Ability of using additional sources - 1 point;
3. Ability of applying theoretical knowledge - 1 point;
4. Ability of correlating normal and pathological conditions - 1 point;
5. Ability of drawing conclusions – 1 points

Evaluations of ongoing Practical Activities

Practical Activities Rubric:

Performs manipulations fully and without errors – 5 points

Performs manipulations partially and without errors – 4 points

Performs manipulations with minor errors – 3 points

Performs manipulations with some errors – 2 points

Performs manipulations with errors – 1 point

Verbal presentation

Method Description:

Demonstration of knowledge of theoretical topics, discussion over specific issues in the form of narration or answering questions.

2 Points: The student is well prepared, thoroughly proficient in syllabus material. The answers to the questions are correct, justified and reasoned. The student is thoughtful and well versed in the problem area.

	<p>1 Points: The student knows only part of the syllabus topic, the answers to the questions are correct but incomplete / unreasonable.</p> <p>0 Points: The student is completely unprepared. Does not have a syllabus topic, cannot answer any questions.</p> <p>Midterm exam – MCQ - 20 points. Each MCQ question is assessed by 0.4 point. For a positive result, the student must correctly answer at least 50% of the total number of questions.</p> <p><i>Final exam prerequisites:</i> the total number of points from all other assessment components, namely, the midterm exam and activity quizzes and classroom activity, must be at least 30 points.</p> <p style="text-align: center;">Final exam - 40 points.</p> <ul style="list-style-type: none"> ● MCQ – 20 points (each question is assessed by 0.4 points) ● OSCE –practical Exam 20 points (5 station- each score -5 points) <p>The OSCE consists of 11 active "stations". From this 11, 2 stations are for Prophylaxis of Dental Disease (DEN2004) and 4 for Therapeutic Dentistry (DEN2006), 5 stations are for Oral Surgery (DEN2008). Student should spend on the station 5/7 minutes, performs the task and move to the next station.</p> <p style="text-align: center;">OSCE Evaluation criteria</p> <p>Method Description:</p> <ol style="list-style-type: none"> 1. preparation for surgical procedure hand washing-1 point 2. putting the gloves-1 point 3. anamnesis-1 point 4. xray diagnose-2 points 5. selection of surgical instrument for procedure selection of forcep-2 points 6. selection of elevator-2 points 7. selection of soft tissue puncher-1 point 8. performance of anesthesia selection of anesthetic-1 point 9. selection of syringe and needle-1 point 10. positioning of dentist during anesthesia-1 point
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11. performing an anesthesia-2 points
12. extraction procedure wound processing placing the surgical instrument on tooth-1 points
13. extraction procedure-2 points
14. suturing the wound-2 points

Candidates should gain 50% (2.5 points) of each practical task to pass the exam.

The final exam is considered as passed if the student has at least 21 points (minimal competence limit).

The course (module) is considered as passed if the student has at least 51 points during one semester.

Behaviour – Students are expected to behave according to the rules/procedures and ethical guidelines presented by the instructor and written in the University's code of ethics. They should not in any circumstances disturb the ongoing lectures/seminars/presentations and should follow all the rules and procedures established by the professor/instructor in the beginning of the course. The usage of mobile phones and other sound equipment is forbidden during lectures and test taking situations. In case a student does not follow the above mentioned rules/ethical guidelines and he/she intensely tries to spoil the lecture, the instructor is obliged to make the student leave the class and report the outcomes to the dean for further evolution.

The exam is considered being passed by the student if he/she receives 50% or more out of the highest evaluation from each part of the exam (20x50/100=10 points MCQ; 20x50/100=10 points-OSCE).

When the total evaluation of the student (current evaluation + midterm exam evaluations + final exam evaluation) is more than 40 but less than 51 points, even though the exam grade threshold is passed, the learning course is considered not being covered and the student is given the right to exam retake during the additional examination period.

If the final evaluation for the learning course, after taking the additional exam, (current evaluation + midterm exam evaluation + final exam evaluation) is less than 51%, the learning course is not considered covered and it must be taken again.

In summary, the student is awarded the credit in case he/she accumulates minimum 51% out of 100%.

Positive scores:

- (A) Excellent- 91 or more points;
- (B) Very Good- 81-90 points;
- (C) Good- 71-80 points;
- (D) Satisfactory- 61-70 points;
- (E) Enough- 51-60 points;

Negative scores:

- (FX) Failure - 41-50 points: the student needs more independent work and is granted a single attempt of exam retake;
- (F) Fail - 40 points or less: the student's conducted work is not sufficient and needs to take the course again.

After the results of final exams are available, students with FX assessment have a right to retake an exam during an additional exam week in the same semester.

An interval between a final and a corresponding additional exam must be at least 5 days after the results of a final exam become available

The core literature	Andersson, L., Kahnberg, K. E., & Pogrel, M. A. (Eds.). (2012). <i>Oral and maxillofacial surgery</i> . John Wiley & Sons. Oral Surgery Fragiskos -. Contemporary Oral and Maxillofacial Surgery, 7th Edition by James R. Hupp, MD, DMD, JD, MBA, Myron R. Tucker, DDS and Edward Ellis, DDS, MS
The auxiliary literature	Maxillo-facial surgery by Lars Anderson M. Anthony pogrel and Karl Erik Kahnberg

Learning Outcomes

NQF*	COURSE LEARNING OUTCOMES	PRO G. LO	Lecture	Seminar	Teaching in simulation environment	Teaching in clinical environment	Midterm ex.	Final exam	ASSES. METH.
KNOWLEDGE AND AWARENESS	The student Identifies indications and contraindications of tooth extraction Recognizes the stages of tooth extraction Explains extraction techniques Understands methods to avoid possible complications; Selects methods of management and treatment of complication during surgical procedure and post surgical period	9.4 9.5.	X	X			X	X	MCQ CBL Verbal presentation
SKILL	The student: Uses pincers and elevators on the phantom; Performs extraction of mandibular and maxillary teeth and roots on phantom; Provides an appropriate wound treatment Demonstrates technique of local anesthesia methods on the phantom, performs suturing	9.4 9.5	X		X	X	X	X	Practical activity OSCE
RESPONSIBILITY AND AUTONOMY	can solve the problem can analysis and synthesis	11.1 11.3							

Learning Course Content

days №	Topics	Lecture (hrs)	Seminar (hrs)	TSE (hrs)	TCE (hrs)
I	Preoperative Evaluation of the Patient.	2			1
II	Tooth Extraction Indications and Contraindications. Premedication	2	2	1	
III	Local anesthetics. Complications	1	2	4	
IV	Anesthesia techniques.	1	2	2	
V	Instruments used in Oral Surgery (Pincers and elevators).	2	2	2	

VI	Principles of Tooth Extraction. Extraction of maxillary teeth	1	2	2	1
VII-VIII	MIDTERM 1H				
XIX	Mandibular teeth extraction. Root extraction techniques	1		2	1
X	Wound processing and Postoperative wound care. Suturing	2		4	1
XI-XII	Local complications of tooth extraction.	2	2	2	

XIII-XIV	Tooth eruption anomalies and extraction peculiarities (impacted tooth)	2	2		
XV	Complicated Tooth Extraction	2			
XVI-XVII	Management of emergencies in dental clinic.	2		4	1
XVII-XX II	Final Exam	2			