

DEN5005 Maxillofacial Oncology and Prosthetics

Course title	Code	Semester	Type of course	Course structure and volume (hours)			ECTS
Maxillofacial Oncology and Prosthetics	DEN5005	IX	Mandatory	LECTURE	20	120	4
				Seminar	35		
				Teaching in Stimulatory environment (TSE)			
				Teaching in clinical environment (TCE)	25		
				Midterm EX.	1		
				FINAL EX.	2		
				INDEP. WORK	37		
Faculty, the educational program and level of education	School of Dental Medicine One cycle (5-year duration) Higher Educational Program “Dentistry”						
Staff	Hüseyin Emir Yüzbaşıoğlu, professor E-mail: emir.yuzbasioglu@bauinternational.edu.ge Tamar Baramidze, DMD, PhD, Professor, e-mail:tamar.baramidze@bauinternational.edu.ge , mob.: 599 676 799 Giorgi Rakviashvili, invited lecturer E-mail : Giorgi.rakviashvili@bauinternational.edu.ge Personal one-to-one consultation can be arranged at an agreed upon date and time.						
Duration	17 weeks						
Prerequisite	Oral Surgery-III (TMJ-Oral & Maxillofacial Traumatology) DEN 4007						
Aim	The aim of the course is to teach a student etiology, classification, clinical signs, diagnosis, differential diagnosis and treatment methods of odontogenic and non-odontogenic benign tumors, sarcomas and malignant cancers of maxillofacial soft and hard tissues.						
Methods of Teaching/Learning	Interactive lectures; Seminars						
Assessment System and Criteria	Attendance - student is obliged to attend 70% of the total number of the learning course						

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

Student's knowledge assessment:

- Testing MCQ (5 sessions, 5 points each) - 25 points
 - Verbal presentation (5 sessions, 2 points each) – 10 points
 - Group Presentation – 5 points
 - Midterm –MCQ – 20 points
 - Final exam-MCQ - 20 points, Verbal Exam – 20 points – Total 40 points
- Total -100 points**

TESTING

MCQ (Multiple Choice Question)

Each MCQ question is assessed by 0.5 point.

VERBAL PRESENTATION

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.

1 Points: The student knows only part of the syllabus topic, the answers to the questions are correct but incomplete / unreasonable.

0 Points: The student is completely unprepared. Does not have a syllabus topic, cannot answer any questions.

GROUP PRESENTATION

Group presentation assessment criteria (5 points):

Presentation in groups of 2-3 students

Demonstrations of theoretical knowledge - 3 points:

3 point – material is demonstrated fully

2 points – material is not full enough

1 point - material is demonstrated partially

Academic level and design - 1 point;

Visual and technical quality of the material - 0,5 point;

Review of the available modern material related to the topic - 0,5 point;

Presentation and communication skills - 1 point;

a. Group working and listening culture - 0,5 point;

b. Correct language and style - 0,5 point;

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.

3. Final Exam - 40 points

Final Exam is conducted in a combined way:

- **Test-based form (MCQ -50 tests with 0.4 point) for each question – 20 points.**
- **Oral form (4 topics each scored at maximum 5 points)- 20 points.**

Verbal Exam assessment criteria (5 points)

5 points - The answer is comprehensive. Student's thinking ability is clearly visible. The topic is precisely and fully presented. The terminology is duly used. The student masters the material regarded by the course on a proper level. He/she has fully and profoundly learnt main literature.

4 points - The student answers all questions, but independent thinking ability is not clearly visible. The terminology is correctly used. No major errors can be found. The student masters the material regarded by the course on a proper level. He/she has learnt the main literature.

3 points - The answer is incomplete. The topic is presented on satisfactory level but it lacks the thinking ability and is rather based on memorizing. The terminology is scarcely used. The student masters the material regarded by the course but a few errors can be detected.

2 points - The answer is incomplete. The terminology is incompletely used. The material is partially presented. The student masters the main literature on insufficient level. A few major errors can be detected.

1 point - Student's answer is not complete. The terminology is not used or is used in a wrong way. The answer is mainly erroneous. The topic is presented in a fragmented fashion.

0 points - The answer does not correspond to the question or it is not presented at all.

Prerequisite for Final Exam are:

Prerequisite for Final Exam is the situation when at least 50 % of the current assessment level is achieved.

70% of the Subject hours should be attended.

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

	<p>The course (module) is considered as passed if the student has at least 51 points during one semester.</p> <p>Maximum course assessment score is 100 points. The student's assessment system includes:</p> <p>a) Five types of positive assessment:</p> <p>(A) Excellent – 91-100 points.</p> <p>(B) Very good – 81-90 points.</p> <p>(C) Good – 71-80 points.</p> <p>(D) Satisfactory – 61-70 points.</p> <p>(E) Acceptable – 51-60 points.</p> <p>(FX) Student could not pass examination – 41-50 point that means that the student is required to work more for passing the exam, and that she/he is entitled to retake exam only once after individual work;</p> <p>(F) Failed to pass – 40 points and lower that means that the work done by the student is not sufficient and she/he has to retake the course.</p> <p>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.</p> <p>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.</p>
The core literature	<p>Oral and Maxillofacial Pathology - E-Book 4th Edition, Kindle Edition, by Angela C. Chi (Author), Brad W. Neville (Author), Douglas D. Damm (Author), Carl M. Allen (Author).</p>
The auxiliary literature	-

Learning Outcomes

NQF *	COURSE LEARNING OUTCOMES	PROG. LO	Lecture	Seminar	Teaching in simulation environment	Teaching in clinical environment	Mid term ex.	Final exam	ASSES. METH.
KNOWLEDGE AND AWARENESS	<p>The student;</p> <ul style="list-style-type: none"> Identifies oncological changes in maxillofacial soft and hard tissues. Symptoms of trigeminal nerve neuralgia and neuritis. Recognizes clinical signs of maxillofacial neoplasms. Knows clinical and radiographical symptoms of odontogenic and non-odontogenic benign tumors. Identifies properties of osteogenic and non-osteogenic tumors. Recognizes malignant cancers of maxillofacial hard and soft tissues. Explains differential diagnosis of maxillofacial oncological diseases. Knows management and treatment of oncological diseases of the maxillofacial region. Understands methods to avoid possible complications. Knows prosthetic management of maxillofacial oncology patients and cleft palate patients. Recognizes intraoral and extraoral obturators 	6,1 6,4	X				X	X	MCQ Verbal presentation
SKILL	<p>The student;</p> <p>Analyzes the clinical and radiographic symptoms of cysts and tumors.</p> <p>Applies intraoral and extraoral examination techniques to diagnose neoplasms.</p> <p>Decides to refer to specialists according to clinical and radiographic evaluation.</p>	6,1 6,4		X					Verbal presentation Group presentation Oral exam

Learning Course Content

DAYS №	Topics	Lecture (hrs)	Seminar (hrs)	TSE (hrs)	TCE (hrs)
I-II	- Classification, Diagnosis and Treatment of Maxillofacial Tumors. Odontogenic Cysts of Jaw Bone (etiology, clinical signs, diagnose, treatment). -Verbal presentation	2	3		5
III	-Odontogenic Benign Tumors of Jaw (etiology, clinical signs, diagnose, treatment) -Testing	2	3		
IV	-Osteogenic Benign Tumors of Jaw (etiology, clinical signs, diagnose, treatment). -Verbal presentation	2	3		
V	-Non-osteogenic and Non-odontogenic Benign Tumors of Jaw (etiology, clinical signs, diagnose, treatment).	2	3		5
VII-VIII	MIDTERM 1H	1			
IX	-Benign Tumors of Oral Cavity and Face Soft Tissues (etiology, clinical signs, diagnose, treatment). -Oncological Diseases of Salivary Glands	2	3		
X	-Lip Cancer. Cancers of Oral Cavity Organs. (etiology, clinical signs, diagnose, treatment) -Testing	2	3		5
XI	-Malignant Cancers of Facial Skin (etiology, clinical signs, diagnose, treatment)	2	3		

XII	-Jaw Cancers. Sarcomas (etiology, clinical signs, diagnose, treatment) -Testing	2	3		5
XIII	-Introduction to Maxillofacial Prosthesis, Extraoral and Intraoral Prosthesis -Nasal, Ocular, Auricular Epithesis -Verbal presentation	2	3		
XIV	-Maxillary and Mandibular Obturators, Treatment of Cleft Palate Patients -Testing	1	3		
XVI- XVII	-Occlusal Considerations in Oncology Patients -Group Presentation	1	5		5
XVIII- XXII	Final Exam	2			