

DEN5011 Oral Surgery IV

(Periodontal surgery)

Course title	Code	Semester	Type of course	Course structure and volume (hours)			ECTS
Oral Surgery IV Periodontal surgery	DEN5011	IX	Mandatory	LECTURE	15	120	4
				Seminar	28		
				Teaching in Stimulatory environment (TSE)	28		
				Teaching in clinical environment (TCE)	5		
				Midterm EX.	1		
				FINAL EX.	2		
				INDEP. WORK	41		
Faculty, the educational program and level of education	School of Medicine and Health Sciences, One cycle (5-year duration) Higher Educational Program “Dentistry”						
Staff	Nino Cheminava, DMD, PhD, Professor Personal one-to-one consultation can be arranged at an agreed upon date and time.						
Duration	17 weeks DAYS)						
Prerequisite	oral surgery III DEN4007						
Aim	The goals of this course is to provide the student the knowledge in building the foundation of the basic sciences in Periodontal surgery, recognize, understand, and treat the forms of periodontal disease and oral pathology						
Methods of Teaching/Learning	Interactive lectures; Seminars; practice on phantoms, TCE						

<p>Assessment System and Criteria</p>	<p>Student's knowledge assessment:</p> <ul style="list-style-type: none"> • MCQ/Closed Questions (2 sessions, 5 points each) - 10 points • Practical Activities Assessment (3 sessions, 5 points each) – 15 points • Verbal presentation (15 sessions, 1 points each) – 15 points • Midterm –MCQ – 20 points • Final exam- MCQ/ – 20 points OSCE-4 stations 5 point each-20 points
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- **Total -100**

points TESTING

Evaluations of ongoing MCQ tests

MCQ (Multiple Choice Question).

- Each MCQ question is assessed by 0.4 point.

Closed

Question/Short Answer Question Method

Description

The student will be given a closed question, without probable answers, the student must answer correctly.

Criteria:

Each short answer question is rated 1 point. For a positive result, the student must correctly answer at least **50%** of the total number of questions.

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
- Student does not participate in manipulation – 0 points

V

erbal presentation

Method Description:

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

1 Point: 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.

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

questions.

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.

F

Final exam - 40 points.

MCQ

Each MCQ question is assessed by 0.4 point(20 points)

For a positive result, the student must correctly answer at least **51%** of the total number of questions.

OSCE

OSCE-each station is assessed by 5 points (20 points)

anamnesis and examination

- patient history taking-1
- oral cavity examination-1
- planning the treatment-3

preparation for surgical treatment

- hand wash-1
- putting the gloves-1
- selection of anesthesia-1
- local anesthesia performance-2

surgical procedure

- flap surgery technique-2.5
- suturing technique-2.5

post surgical period

- patient education-2.5
- prescription of medicaments-2.5

Final exam prerequisites: 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**.

The 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.

	<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>Within the educational component of the educational program, in case of FX assessment, a makeup exam is appointed no later than 5 days after announcement of the examination results.</p> <p>The point of the makeup exam is not added to the point of the final exam. The point of the makeup exam is the point of the final assessment and is reflected in the final assessment of the educational component of the educational program.</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	Practical Periodontal Plastic Surgery -Serge Dibart; John Wiley & Sons Inc; 2 nd ed. 2017; e-book
The auxiliary literature	

Learning Outcomes

[illegible]

Learning Course Content

weeks №	Topics	Lecture (hrs)	Seminar (hrs)	TSE (hrs)	TCE (hrs)
I-II	Introduction to Periodontal Surgery: Classification, indications, goals, contraindications Surgical Anatomy of the Periodontium and Peri-implant Tissues: Vascularization, innervation, biological width, tissue biotype	2	2	2	
III-IV	Treatment Planning in Periodontal Surgery From diagnosis to technique selection; sequencing procedures Principles of Flap Surgery: Flap types: full/split thickness, repositioning, healing stages	2	2	2	
V	Suturing Materials and Techniques Types of sutures, needles, basic surgical knots	1	2	2	
VI	Resective Surgery: Gingivectomy and Gingivoplasty Indications, external/internal bevel, healing, limitations Apically Positioned Flap with Osseous Resection Technique, osseous sculpting, management of deep pockets	2	2	2	
VII-VIII	MIDTERM	1			
XIX-X	GTR and Barrier Membranes Principles of regeneration, membrane types, indications Bone Grafting in Periodontal Surgery Graft types (autograft, allograft, xenograft, synthetics), placement techniques	1	2	2	
XI-XII	Mucogingival Grafts: Free Gingival and Connective Tissue Indications, donor sites, harvesting and suturing techniques MCQ	1	2	2	1

XIII	<p>Esthetic Periodontal Surgery</p> <p>Root coverage, crown lengthening, smile zone considerations</p>	1	2	2	
XIV	<p>Aseptic Protocol and Surgical Environment</p> <p>Surgical hygiene, draping, instrument setup, field control</p>	1	2	2	1
XV	<p>Patient Preparation and Postoperative Care</p> <p>Medical history, medications, informed consent, post-op instructions</p>	1	2	2	1
XVI	<p>Management of Surgical Complications</p> <p>Bleeding, infection, flap necrosis, suture dehiscence</p>	1	2	2	1
XVII	<p>Esthetic Considerations in Periodontal Surgery</p> <p>Smile zone, symmetry, soft tissue contours, patient perception</p>	1	2	2	1
XVIII-XX II WEEK	Final Exam	2			