

DEN 4008 - Therapeutic Dentistry V
Propaedeutics of Periodontology (preclinical)

[illegible]

Methods of
Teaching/Learning

- Seminars;
- TSE;
- TCE

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 the midterm exam and 40 points for the final exam.

1. Current activity - 40 points, including the following:

- Discussion – 3x5 =15 points
- CBL - 2x10 =20 points;
- Group presentation – 5 points

Discussion assessment criteria (5 points)

1. Argumentativeness of represented factual material -1 score;
2. The complexity of represented factual material -1 score;
3. Discussion activity – 1 score;
4. Debating and listening culture - 1 score;
5. Keeping within the time-limit – 1 score.

Clinical Case assessment criteria (10 points):

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

In full compliance (2 points)	Partially compliant (1 point)	Not compliant (0 point)
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Presentation assessment criteria (5 points):

Presentation in groups of 2-3 students

1. 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
2. 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;
3. Presentation and communication skills - 1 point;
 - groupworking and listening culture - 0,5 point;
 - Correct language and style - 0,5 point;

2. Midterm Exams - 20 points;

The exam is conducted in a test-based form (Multiple Choice Questions - MCQ). The test includes 50 questions and the maximal value of each is 0.4 points. The highest possible score is 20.

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 issues / clinical cases, each scored at maximum 5 points)- 20 points

Oral 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 as well as 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 program 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 exam is considered being passed by the student if he/she receives 50% or more out of the highest evaluation for the exam ($40 \times 50 / 100 = 20$ points). 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.

The student can take the additional exam during the same semester.

After the results of final exams are available, students with FX assessment have a right to retake an exam

	<p>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>
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The core literature	Newman and Carranza's essentials of clinical periodontology Michael G.Newman, Elsevier,c2022
The auxiliary literature	https://www.efp.org/publications-education/new-classification/resources/guidelines/ HTTPS://WWW.EFP.ORG/PUBLICATIONS-EDUCATION/NEW-CLASSIFICATION/RESOURCES/

Learning Outcomes

NQF *	COURSE LEARNING OUTCOMES	PROG. LO	LECT	SEM	TSE	TCE	MI DT ER M EX A M	FI NA L E X A M	ASSES. METH.
KNOWLE DGE AND AWAREN ESS	<ul style="list-style-type: none"> Understands anatomy and physiology of normal periodontium; Is aware of the etiology and pathological processes of periodontal diseases; Recognizes the expression of systemic diseases in oral cavity; Analyzes role of inheritance in periodontal diseases Understands distinguishes between periodontal health and periodontal disease and identifying conditions that require management; 	4.1 6.1 9.2	X	X			X	X	<ul style="list-style-type: none"> DISCUSSION MCQ CBL Presentation Oral exam

S K I L L	<ul style="list-style-type: none"> Can use clinical and laboratory methods for diagnosis Demonstrate communication skills during group works and time management ability has the ability to analyze and synthesize information has the ability to solve the problems and critical thinking 	2.1 2.2 11.1 11.3		X					CBL Presentation
RESPONSIBILITY AND AUTONOMY									

Supplement 1

Learning Course Content

No 16 weeks	Topics	Lecture (hrs.)	SEM	TSE	TCE
I	Normal Periodontium: Anatomy, Structure, and Function of the Periodontium; Aging and the Periodontium	2	3		
II	Classification of Diseases and Conditions Affecting the Periodontium (Classification of Periodontal and Peri-Implant Diseases and Conditions).	1	2		
III	Etiology of Periodontal Diseases; Periodontal Disease Pathogenesis. Biofilm and Periodontal Microbiology; Practical Molecular Biology of Host-Microbe Interactions; Resolution of Inflammation	2	4		

	Discussion				
IV	Precision Dentistry: Genetics of Periodontal Disease Risk and Treatment; Smoking and periodontal disease; The Role of Dental Calculus and Other Local Predisposing Factors CBL;	1	2		
V- VI	Relationship Between Periodontal Disease and Systemic Health: Influence of Systemic Conditions; Impact of Periodontal Infection on Systemic Health CBL; TCE	2	4		3
VII- VIII	Midterm exam	1			
XIX	Periodontal health and Gingival health - characteristic parameters (Clinical gingival health on the intact periodontium and on a reduced periodontium) Gum recession - the aetiology of its development. Cairo Classification. Discussion	1	3		
X	Gingivitis – dental biofilm – induced. (Associated with dental biofilm alone; Mediated by systemic and local risk factors, Gingival Enlargement). Discussion	2	4		
XI- XII	Gingival diseases – non-dental biofilm induced, Genetic/developmental disorders, specific infections, inflammatory and immune conditions, reactive processes, neoplasms, endocrine, nutritional & metabolic diseases, traumatic lesions, gingival pigmentation. TCE	2	2		3
XIII - XIV	Periodontal Pathology: The Periodontal Pocket; Bone Loss and Patterns of Bone Destruction. Peridontitis: Stages based on Severity and Complexity of Management; Grades – Evidence or risk of rapid progression, anticipated treatment response TSE	2	2	3	
XV	Necrotizing Periodontal Diseases: Necrotizing Gingivitis, Necrotizing Periodontitis, Necrotizing Stomatitis Discussion	2	2		
XVI	Periodontal Manifestation of Systemic diseases and Developmental and Acquired Conditions: Genetic Disorders; Inflammatory diseases, Metabolic & Endocrine diseases, Acquired Neutropenia; HIV; Emotional stress and depression, Smoking (nicotine dependence), Medications/medicines. Discussion TCE	2	4		3

XVI I	Systemic Diseases Associated with Loss of Periodontal Supporting Tissues (Neoplasms – Oral squamous carcinoma, Odontogenic tumors Giant cell granulomas, Systemic sclerosis and others) PPT	2	3		
XVI II- XXII	Final Exam	2			