

1	Course title	Periodontology Practical 2
2	Course number	1301534
3	Credit hours (theory, practical)	One credit hour (practical)
	Contact hours (theory, practical)	3 hours every 2 weeks
4	Prerequisites/corequisites	1301434
5	Program title	Doctor of Dental Surgery (DDS)
6	Program code	NA
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Dentistry
9	Department	Department of Oral Surgery, Oral Medicine and Periodontology
10	Level of course	Bachelor
11	Year of study and semester (s)	Fifth year, both First & Second semester
12	Final Qualification	DDS
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	3 rd /October/2022

16. course Coordinator:

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17. Other instructors:

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18. Course Description:

This course is a continuation of Periodontology practical 1 and periodontology theory courses. Focuses on learning how to diagnose variety of periodontal diseases clinically, and how to treatment plan the cases, and treat periodontal diseases.

19. Course aims and outcomes:

A- Aims:

- Student should be able to screen their patients for inflammatory Periodontal Diseases using periodontal probe.
- Student should be able to give oral hygiene instruction to their patients as appropriate.
- Student should be able to disclose and polish the teeth and remove supra- and sub-gingival calculus using manual and sonic scalers.
- Student should understand and work within the Dental Hospital cross-infection policy.
- The students should have knowledge of treatment planning in Periodontal Disease, charting and assessment for patients with advanced disease.
- The students should be able to perform root planning and curettage under local anesthesia in sites with mild to moderate periodontal pocketing.
- Student should be able to recognize and treat occlusal trauma by means of selective grinding and hard and soft bite-guards.
- Student should understand the relationships between Periodontics and Prosthetic and Conservative Dentistry, and to plan treatment for the patient who has multiple restorative needs.
- Student should recognize and manage Periodontal Diseases in the child.

B- Intended Learning Outcomes (ILOs):

Successful completion of this course should lead to the following learning outcomes:

- Students should gain practical skills of the concepts, principles and ways of treating different Periodontal Diseases.
- Students should have carried out successfully the treatment of gingivitis and periodontitis. In addition, students should have performed gingivectomy and/or crown lengthening procedure and a partial thickness flap procedure if possible, or shadowed any periodontal procedure being performed by a specialist.

A. Knowledge and understanding, student should:

- Be able to diagnose and establish a successful treatment plan for his/her patient and carry out different surgical and non-surgical treatment plan modalities for his/her patient.
- Be able to establish a follow up treatment plan.

B. Intellectual skills, with ability to:

Understand patient's needs and develop the right approach to deal with and treat his/her patient to the best of his acquired skills and knowledge in Periodontology.

C. Subject specific skills, with ability to:

- Treat as possible, most of the common Periodontal Diseases prevalent among the society, and be able to motivate the patient towards a high standard of Oral Hygiene as it is the best preventive approach to healthy periodontium.

20. Course work requirements and points:

A- Course work (60 marks):

course work includes the following components and the corresponding marks:

1. Points - cases treated: 15%
2. Quality - cases treated: 60% (of which 25% is allocated to periodontitis cases)
3. Quizzes: 10%
4. Adherence to CIC/ policy: 10%
5. Assignments: 5%
6. Competencies: pass/fail (4 of them, 2 in the first semester and 2 in the second)

B- Points - cases treated:

- Students will be asked to accumulate a minimum of 10 points in order to validate the requirements for the course, provided that at least one case of 3 points.
- Students should finish 2 maintenance/ re-evaluation. Failing to do so will be deducted from violation points.
- A minimum of 10 points is required to be able to enter the final exam.
- A maximum of 16 points is acceptable provided that 6 of those points are for treatment of periodontitis cases (2 cases of 3 points or more). Any additional points will NOT be considered.
- A student that accumulates the minimum number of points (10) will be attributed 70% of the mark for points, and so on, upward to 100% of the mark for points when student accumulates the maximum of 16 points.

Gingivitis with light to moderate supra- and sub-gingival calculus	1 point
Gingivitis with moderate to heavy supra- and sub-gingival calculus	2 points
A case with true pockets of ≥ 4 mm (not pseudo pockets) involving at least 10 sites.	3 points
A case with true pockets of ≥ 4 mm (not pseudo pockets) 11-19 sites	3.5 points
A case with true pockets of ≥ 4 mm (not pseudo pockets) involving 20 sites or more.	4 points
Periodontal maintenance/ Re-evaluation needed for 2 cases: One for a gingivitis case, and one for a periodontitis case	Pass/fail

C- Quality -cases treated

- Cases with no calculus (only plaque) or very minimal supra gingival calculus will not be allowed in the periodontal clinic.
- Periodontitis cases reported in the log book should include full mouth Xray series (at least a panorama) along with a fully reported periodontal chart attached to the same page.
- Only cases that are allowed to be shared with 2 students are cases of 3 points or more. This will be determined by the supervising faculty.
- When there is a case that is not completed, such as when the patient comes for the first visit only, or when the patient interrupts the treatment, the student will be attributed points as follows:
 - Examination and diagnosis: 0.5 point
 - Scaling for one arch: 0.5 point
 - Root planing for one quadrant: 0.5 point

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- 1- Clinical demonstration and assessments: Assessing students clinical work on patients
- 2- Quizzes: 2 Quizzes between clinics each semester.
- 3- Assignments: 1 assignment regarding periodontal surgery
- 4- Competencies: 4 in total assessing students' skills in various levels.
- 5- Live surgeries and videos.
- 6- Final exam including both methods OSCE and VIVA.

22. Competencies & Assignment:

A. Competencies:

1. **First term:** Two competencies will be evaluated; oral hygiene instructions, and diagnosis and treatment planning.
2. **Second term:** Two competencies will be evaluated; Clinical examination (periodontal charting), and scaling and root planing.

Please refer to Student Guide Book for detailed description on each competency.

- The student should perform the competencies without any assistance from the supervisor or any colleague. Multiple competencies on one case are allowed within the time available in the clinic and for faculty without hindering other students' clinical progress.
- Supervising faculty should validate the student's competency work and achieve the minimum points required to be able to enter the final exam.
- The student should inform the supervisor of his/her request to perform a competency at the time of his choice, during the clinics allocated to him/her.
- TWO competencies should be done on a periodontitis patient: examination competency, and diagnosis and treatment planning competency.

B. Assignments:

- Each student must watch 3 videos about periodontal surgeries provided by faculty.
- Videos will contain different periodontal procedures with pop-up questions that students should answer.
- If student wishes to shadow surgeries done in specialty clinics, he/she should get permission from the specialist beforehand.
- For clinical crown lengthening procedure to be done in students clinic, form will be submitted online and should be filled from both departments (periodontics and prosthodontics).

23. Course Policies:

A- Attendance and absence policies:

- Students are allowed 15% absence according to the laws of the university. This stands for 2 clinics for 5th year students in the periodontology practical course.
- Only formal letters from the dean are allowed to compensate any absence. This means the extra clinic would be only for the student to finish requirement, but the student will lose the marks.
- The formal letter should be submitted 2 weeks from the absence day.
- Any student who comes late to the clinic will lose the marks of that clinic's quiz.

B- Health and safety procedures:

- Students are required to adhere to all the enforced policies at student dental clinics including the cross-infection control (CIC) policies and clinic policies outlined in the periodontics logbook and student clinical manual. A violation of CIC policies or clinic policies as determined by the supervisor result in a 2-point deduction out of a maximum of 10 points.
- Examples of violations include, but not limited to, soiled instruments, missing or inadequate personal protective equipment (PPE), poor or non-compliance with surface disinfection protocol, poor handling of instruments or equipment.

C- Honesty policy regarding cheating, plagiarism, misbehavior:

- Students should adhere to all the stated rules and regulations regarding professional conduct, including honesty policy regarding cheating, plagiarism, and misbehavior. If violated it will result in a 2-point deduction as well.

D- Grading policy:

Students will be given grades ranging from A+ to F, where A+ stands for 10/10, A stands for 9, B stands for 7, C as 5, D as 3, and F as 1 out of 10.

Percentage marks are converted to letters. (A)/(A-) are usually given for top 15-20% of students. Percentage mark < 50 does not mean a mark of (D-) or (F).

Please refer to Student Guide book for detailed description of each letter.

E- Available university services that support achievement in the course:

Students can utilize UJ's medical or main library facilities. In addition, they can access e-journals and e-books within campus. They can access the Moodle e-learning through the UJ's wireless internet facilities for free or through the computer lab in the Faculty of Dentistry. A lot of other facilities and support can be provided through the Deanship of Student Affairs.

24. Required equipment:

- Each student is responsible for having an examination set that includes: dental mirror, dental explorer, tweezers and a quality periodontal probe.
- The periodontal probe required is the UNC-12 or -15 mm. The probe should be of certain quality in terms of dimensions and finish to facilitate probing without discomfort.

25. References:

A- Required book (s), assigned reading and audio-visuals:

Newman and Carranza's Clinical Periodontology 13th Edition - May 29, 2018

B- Recommended books, materials, and media:

1. Newman and Carranza's Clinical Periodontology 13th Edition - May 29, 2018
2. Lectures from periodontology theory 1 and 2

26. Additional information:

Name of Course Coordinator: Dr. Khadijeh Al-Zubi--**Signature:** _____ **Date:** October 3rd 2022

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----