

The University of Jordan
Faculty of Dentistry
Department of Oral Surgery, Oral Medicine and Periodontology
2011/2012

Course Title: Periodontology Practical 2

Course Code: 1301534

Semester: 1st & 2nd / 5th year

Prerequisite: 1301434

Module Coordinator(s): Dr. Ahmed Hamdan

Instructor (s):

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Course Objectives:

The objectives of this course are:

- Student should be able to screen their patients for inflammatory Periodontal Diseases using periodontal probe (CPITN Clinical).
- 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 subgingival 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.
- The student should be able to undertake a gingivectomy and crown lengthening under local anesthesia.
- The student should be able, with staff assistance, to perform Modified Widman Flap under local anesthesia.
- 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.

Learning Outcomes:

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 adult chronic periodontitis and performed gingivectomy and/or crown lengthening procedure and a partial thickness flap procedure.

A. Knowledge and understanding, student should:

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

Teaching Methods:

Duration: 32 weeks in 1st and 2nd semester, 32 hours in total.

Practical sessions: 32 hours, one 2-hour session every two weeks (including one 2-hour final practical exam).

Requirements:

- Instruments:
 - Sonic/ultrasonic scaler
 - Manual instruments:
 - Sickle scaler
 - Curettes
- Cases:
 - There will be a point system where the student will accumulate points for treating different cases.
 - Students will be asked to accumulate a minimum of 8 points in order to validate the requirements for the course, provided that one case, at least, is a periodontitis case.
 - Cases accepted are:
 - Gingivitis with moderate deposits
 - Gingivitis with heavy deposits
 - Localized periodontitis

- Generalized periodontitis
- Points:
 - A minimum of 8 points is required to be able to enter the final exam
 - A maximum of 14 points is acceptable. Any additional point will not be considered.
 - Points will be attributed to cases based on their difficulty
 - Points will be attributed as follows:
 - Gingivitis with moderate deposits: 1 point
 - Gingivitis with heavy deposits: 2 points
 - Localized periodontitis: 3 points
 - Generalized periodontitis: 4 points
 - Follow-up of a case 0.5 point
 - 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 1-2 teeth: 0.5 point

▪ **Evaluation system:**

- The system will be based on the evaluation of the quantity as well as the quality of the work
- The distribution of marks will be as follows:
 - Quantity: 40%
 - Quality: 60%
- Regarding quantity:
 - The student who accumulates the minimum number of points will be attributed 70/100 for the mark of the quantity.
 - A quantity sheet will be available where the instructor will enter the accredited number of points for each completed case. No marks on the quality of the work will be entered in this sheet.
- Regarding quality:
 - For each treated case, the student will be evaluated for all of the following:
 - Cross-infection control
 - Professionalism
 - Punctuality and absence
 - Skills (history taking and communication skills, diagnosis, scaling, root planing, polishing)
 - The evaluation will be based on a number of criteria for each part to be evaluated. These criteria will be established and written in the evaluation sheet.
 - The mark for each treated case will be divided as follows:

- Cross-infection control: 20%
- Professionalism: 20%
- Punctuality and absence: 10%
- Skills: 50%

- Quizzes:

- During the course, students will be given 4 quizzes of 5-10 minutes each.
- The quiz will evaluate the knowledge of the students in periodontology, especially in the aspects that are directly related to the clinical work.
- The quiz can be in the form of MCQs, short questions, or short questions about a diagram or a photo.
- The quizzes will be given 10-15% of the final mark attributed to the quality of the work.
- The quizzes will be held after 15 minutes from the beginning of the clinic, to allow for all students to be present. Any student who comes after the end of the quiz will be considered absent for the quiz and he/she will lose the allocated marks of that quiz.

- **Attendance:**

- Students are allowed 15% absence according to the laws of the university. This stands for 1 clinic for 4th year students in the periodontology practical course.
- Any student who comes late to the clinic will lose the mark for the punctuality, and he/she will lose the marks of the quiz of that clinic.

▪ **Additional requirements:**

- Students should assist in one surgery, at least, during the course (5 marks of the final mark attributed to the quality). They should write a report on the surgery including all the following:
 - The history of the patient
 - The diagnosis
 - The reason for the surgery
 - The type of the surgery
 - The instruments used and their functions
 - Post-operative instructions & medications
- Writing a literature review, with references, about a topic allocated by the supervisor. This will be given 5 marks of the final mark attributed to the quality.
- Case presentation of a documented follow-up of a case treated in the clinic. This will be given 10 marks of the final exam.

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Periodontology Practical Course 2
5th Year
Student's Logbook

Student's name:

Student's number:

Group:

Semester:

Supervisor:

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Department of Oral Surgery, Oral Medicine & Periodontology
Periodontology Practical Course 2
Presence/Absence Sheet**

Clinic	Date	Presence / Absence	Supervisor's Signature
1			
2			
3			
4			
5			
6			
7			

University of Jordan - Faculty of Dentistry
Department of Oral Surgery, Oral Medicine & Periodontology
Periodontology Practical Course 2
Student Evaluation Sheet

Student's name:	Group:
Date:	

Quantity:

	Case examined	Points
	Gingivitis with moderate deposits	1 point
	Gingivitis with heavy deposits	2 points
	Localized periodontitis	3 points
	Generalized periodontitis	4 points
	Unfinished case	

Quality:

1. History-taking & examination:

Date:

		Very good (90%)	Satisfactory (70%)	Marginal (50%)	Poor (30%)
1	Punctuality (10%)				
2	Cross-infection control (20%)				
3	Professionalism (20%)				
4	Knowledge & skills (50%)				
	Total (100%)				

Supervisor signature

2. Scaling upper arch:

Date:

		Very good (90%)	Satisfactory (70%)	Marginal (50%)	Poor (30%)
1	Punctuality (10%)				
2	Cross-infection control (20%)				
3	Professionalism (20%)				
4	Knowledge & skills (50%)				
	Total (100%)				

Supervisor signature

3. Scaling lower arch:

Date:

		Very good (90%)	Satisfactory (70%)	Marginal (50%)	Poor (30%)
1	Punctuality (10%)				
2	Cross-infection control (20%)				
3	Professionalism (20%)				
4	Knowledge & skills (50%)				
	Total (100%)				

Supervisor signature

4. Root planing:

Date:

		Very good (90%)	Satisfactory (70%)	Marginal (50%)	Poor (30%)
1	Punctuality (10%)				
2	Cross-infection control (20%)				
3	Professionalism (20%)				
4	Knowledge & skills (50%)				
	Total (100%)				

Supervisor signature

5. Polishing:

Date:

		Very good (90%)	Satisfactory (70%)	Marginal (50%)	Poor (30%)
1	Punctuality (10%)				
2	Cross-infection control (20%)				
3	Professionalism (20%)				
4	Knowledge & skills (50%)				
	Total (100%)				

Supervisor signature

Points for unfinished cases:

History, examination, & diagnosis: 0.5 point

Scaling for one arch: 0.5 point

Root planing for 1-2 teeth: 0.5 point