

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

Course Title: Periodontology Practical 1

Course Code: 1301434

Semester: 2nd/ 4th year

Prerequisite: None

Department: Oral Surgery, Oral Medicine, Oral Pathology and Periodontology.

Module Coordinator(s): Dr Murad Shaqman

Instructor (s):

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Course Objectives:

The objectives of this course are:

- To improve the manual dexterity of the students.
- The students should be able to recognize periodontal health, gingivitis and periodontitis.
- The students should learn to use the instruments for scaling and polishing.
- To provide the students with the fundamental practical skills of Periodontology necessary to be able to deal with patients that needs periodontal treatment in a clinical setting.
- To allow the students to apply the concept and principles of manual scaling.

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 teeth debridement.
- Students should be able to identify and use manual scalers and rotary instruments used for polishing teeth.
- Students should be able to use their allocated unit and position themselves in the correct position throughout the simulated clinical exercises.
- Students should be able to apply the cross infection control methods.

A. Knowledge and understanding, student should:

- Develop a wide range of manual skills needed for the application and use of manual scalers, for the management of gingivitis.
- Be able to discuss and explain the etiology and treatment of periodontal diseases.

B. Intellectual skills, with ability to:

- Understand and relate the properties and behavior of periodontal diseases to the concept behind scaling of teeth.

C. Subject specific skills, with ability to:

- Identify chronic gingival diseases and their treatment.
- Identify and explain the uses of instruments used in the treatment of chronic gingivitis.
- Select and handle various manual scalers and their application in relation to the anatomy of teeth.

D. Transferable skills, with ability to:

- Understand the importance of Periodontal and gingival diseases as a part of an integrated treatment plan that cover the dental needs of a patient and the importance of consultation with other specialties, referral and team work.

Teaching Methods:

Duration: 16 weeks in 2nd semester (4th year), 16 hours in total.

Practical sessions: 16 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 4 points in order to validate the requirements for the course
 - Cases accepted are:
 - Gingivitis with mild deposits
 - Gingivitis with moderate deposits
 - Gingivitis with heavy deposits
- Points:
 - A minimum of 4 points is required to be able to enter the final exam
 - A maximum of 8 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 mild deposits: 1 point
 - Gingivitis with moderate deposits: 2 points
 - Gingivitis with heavy deposits: 3 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
 - Except cases of mild deposits where scaling for one arch 0.25 point.
- Manual scaling for one sextant is mandatory for the completion of each case. For each case, a different sextant should be allocated for manual scaling to assure the acquisition of manual technical skills for the different areas of the oral cavity.

- 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% (24 marks/60)
 - Quality: 60% (36 marks/60)
- Regarding quantity:
 - The student who accumulates the minimum number of points will be attributed 70/100 for the mark of the quantity (16.8/24).
 - 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: 10%

- Skills: 50%
- **Quizzes:**
 - During the course, students will be given 2 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.

References and reading materials:

- Carranza's Clinical Periodontology (Hardcover). 10th edition, by Michael G. Newman, Henry Takei, Fermin A. Carranza.

Appendix

University of Jordan - Faculty of Dentistry
Department of Oral Surgery, Oral Medicine & Periodontology

Periodontology Practical Course 1
4th Year
Student's Logbook

Student's name:

Student's number:

Group:

Supervisor:

University of Jordan - Faculty of Dentistry
Department of Oral Surgery, Oral Medicine & Periodontology
Periodontology Practical Course 1
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 1
 Student Evaluation Sheet

Student's name:

Group:

Date:

Quantity:

	Case examined	Points
	Gingivitis with mild deposits	1 point
	Gingivitis with moderate deposits	2 points
	Gingivitis with heavy deposits	3 points
	Unfinished case	

Quality:

1. History-taking, examination, & diagnosis:

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. 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

Gingivitis with mild deposits:

Scaling for one arch: 0.25 point

Gingivitis with moderate or heavy deposits:

Scaling for one arch: 0.5 point