

The University of Jordan
Faculty of Dentistry
Department of Oral Surgery, Oral Medicine & Periodontics
2011/2012

Course Title: Periodontology 2 – Theory

Course Code number: 1301533

Prerequisite: None

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

Course Coordinator(s): Dr. Abeer Salem

Instructor(s):

Name	E -Mail
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Dr Murad shaqman	murad90@yahoo.com
Dr. Nicola Barghout	nicolabarghout@hotmail.com

Course Objectives:

- To provide students with basic skills for surgical procedures as part of surgical periodontal treatment such as flap designs, gingivectomy and new trends in surgical modalities.

Learning Outcomes:

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

- Students should gain essentials of basic knowledge about the principles of Periodontal Surgery, rational indications, procedures and healing.
- Students should be able to decide what type of Periodontal Surgery needed for each individual case.
- The student should gain the basic knowledge, manipulation and use of different bone graft material.
- Student should be able to understand and manage mucogingival defects.
- Student should be able to manage and handle complications of Periodontal Surgery.
- Student should be able to understand principles of guided tissue regeneration
- Student should be able to understand the basic principles of tissue engineering

A. Knowledge and understanding, student should:

- Have in depth knowledge and skills for performing different surgical procedures for undergraduate level.

B. Intellectual skills, with ability to:

- Understand and relate the materials and design of surgical instruments related to Periodontal Surgery.

C. Subject specific skills, with ability to:

- Students should acquire the diagnostic skills and proper treatment plan for surgery, as well as the ability to decide when to interfere surgically.

D. Transferable skills, with ability to:

- Understand and appreciate the clinical and laboratory research in the development of new bone graft materials and membranes, also to appreciate the transformation brought about by their existence.

Teaching Methods:

- Duration: 16 weeks in 1st (semester 5th year), 16 hours in total.
- Lectures: 1 per week (including one 1-hour exam and one 2-hours exam).

Tests and Evaluation:

Computed assisted exams in the form of single best answer:

- Mid-term exam: 40% of the final grade
- Final exam: 60% of the final mark.

Course Contents and Weights:

No.	Topic	Subtitles	Lecturer
1	Sutures and suture knots – needles- periodontal dressing materials		Dr. Abeer
2	The periodontal flap (1):	Classification, design, incisions.	Dr. Nicola
3	The periodontal flap (2):	Flap techniques for pocket therapy: modified Widman, un-displaced.	Dr. Nicola
4	Resective surgery (1):	gingivectomy and gingivoplasty	Dr. Nicola
5	Resective surgery (2):	Osseous surgery	Dr. Nicola
6	Regenerative surgery (1):	Bone graft material, classifications and indications	Dr. Ahmad
7	Regenerative surgery (2):	Guided Tissue Regeneration	Dr. Ahmad
8	Mucogingival surgery (1):	free gingival graft	Dr. Abeer
9	Mucogingival surgery (2):	pedicle graft	Dr. Ahmad
10	Periodontal-Restorative Considerations (1)		Dr. Murad
11	Periodontal-Restorative Considerations (2)		Dr. Murad
12	Complications of periodontal surgery		Dr. Abeer

13	Maintenance therapy – objectives – recall visits	Dr. Nicola
14	Principles of tissue engineering	Dr. Ahmad

References and reading materials:

- Carranza's Clinical Periodontology (Hardcover). Ninth edition, by Michael G. Newman, Henry Takei, Fermin A. Carranza
- Jan Lindhe
- Robert Genco