

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

Course Title: Oral Radiology Clinical

Course Code: 1301457

Prerequisite: Oral Radiology Theory1 (1301353)

Year: 4th year

Credit: 1/2 credit hour

Prerequisite for: consider essential for all other dental courses particularly Oral Medicine & Oral Surgery.

Course Coordinator: Dr. Abeer AlHadidi

Instructor: Dr. Abeer AlHadidi

Course Objectives:

- To teach students how to place, expose and process bitewing radiographs.
- To teach students how to place, expose and process periapical radiographs using paralleling and bisecting techniques.
- To teach students how to place, expose and process occlusal radiographs.
- To train students how to identify the buccal/lingual positions of objects radiographically utilizing two methods of localization: right-angle and tube-shift.
- To enable students to recognize and correct common radiographic technique, processing and film handling errors.
- To teach students how to prepare panoramic unit and correctly positioning patients in the unit to achieve a quality panoramic radiograph.
- To train students how to place and expose a digital sensor.
- To expose students to digital image processing concepts.
- To expose to student to extra oral and advance imaging modalities

Learning Outcomes:

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

A. Knowledge and Understanding (student should)

A1) Understand the most important radiographic techniques used in dentistry.

A2) Identify and correct different radiographic errors.

B. Intellectual skills - with ability to

B1) Describe errors seen on dental radiographs.

B2) Employ methods of interpreting different images.

C. Subject specific skills – with ability to

- C1) Use dental X-ray machines effectively.
- C2) Master taking and developing dental radiographs.

D. Transferable skills – with ability to

- D1) Work effectively in case of an oral exam
- D2) Work effectively in examining patients with different imaging modalities.

Teaching methods:

- Duration: 8 weeks, 16 hours in total.
- Tutorial sessions: one tutorial session of 2-hour duration every other week.

Modes of assessment:

- Students are assessed throughout the semester with quizzes accounting for 20% of the mark, a complete full mouth series that accounts for 60% of the final grade, the interpretation of that full mouth series accounts for the remaining 20% of the grade.

Attendance policy:

Tutorial session attendance is obligatory. You are responsible for all the material covered in the tutorial sessions.

Course content:

Session	Title	Subtitles	Instructor
1	Intra-oral radiography	Periapical	AlHadidi
2	Intra-oral radiography	Bitewings	AlHadidi
3	Supplemental techniques and occlusal radiography		AlHadidi
4	Extra lab time	Completion of Full Mouth series	AlHadidi
5	Mounting and critique		AlHadidi
6	Interpretation of Full Mouth series		AlHadidi
7	Extraoral radiography-	Panoramic and Cephalometric	AlHadidi
8	Advanced imaging modalities		AlHadidi