



**The University of Jordan**  
**Faculty of Dentistry**

**Course Title:** Introduction to Clinical Dentistry & Oral Diagnosis (Clinical).

**Course Code:** 1301356

**Prerequisite:** Supplemented by a parallel theoretical course.

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

**Course Coordinator:** Dr. Firas Alsoleihat

**Instructors:**

Dr. Firas Alsoleihat

Dr. Mohammad Al-Shayyab

Dr. Mustafa Al Khader

**Course Objectives:**

- This preclinical course aims at introducing third year dental students to the dental clinical environment.
- It demonstrates dental clinics with special emphasis on cross-infection control.
- Students are expected to learn ways of collecting diagnostic information. This starts with taking the clinical history after learning the skills of communication with patients in a clinical confidential way.
- Methods of clinical examination are also explained to students so that all students would be able to identify the main steps in extra-oral and intraoral examination.
- Students should differentiate between normal and abnormal structures of the oral cavity.
- Students should also learn the most frequently needed investigations by dental practitioners with emphasis on intraoral plain radiography.
- Students will start learning clinical history taking and clinical examination by doing so on their colleagues, and later on in the course on patients attending dental clinics in the Jordan University Hospital.
- Training students on proper oral hygiene methods.
- Training students on mastering local anesthetic injections.

## **Learning Outcomes:**

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

### **A- Knowledge and Understanding (students should)**

- Be able to recognize all components of clinical history.
- Be able to identify normal and abnormal oral structures.
- Be able to demonstrate appropriate methods of clinical examination.

### **B- Intellectual skills- with ability to:**

- Employ communication skills and components of the clinical history in taking history from patients.
- Employ methods of examination to practice extra-oral and intraoral examination.

### **C- Subject specific skills- with ability to**

- Use the dental units correctly.
- Apply cross-infection control methods appropriately.
- Master taking and developing of intraoral radiographs.

### **D- Transferable skills- with ability to:**

- Display an integrated approach to the deployment of communication skills.
- Work effectively with partners within clinical setting.
- Strengthen self-confidence and patient-doctor relationship.

## **Teaching Methods:**

**Duration:** 8 weeks in summer semester, 16 hours in total.

**Clinical sessions:** 8 sessions, each session is two hours.

## **Tests and Evaluation:**

1. Continuous assessment (60%) consisting of:
  - 5% for performing cross infection control measures.
  - 5% for taking patient's history.
  - 5% for performing extraoral examination.
  - 5% for performing intraoral examination.
  - 5% for mastering oral hygiene methods.

- 10% for performing dental anesthetic injections.
- 10% for performing dental radiographs.
- 15% three quizzes.

**2. Final clinical exam (40%) consisting of:**

- 5% for performing cross infection control measures.
- 5% for patient's history.
- 5% for extraoral examination.
- 5% for intraoral examination.
- 5% for dental anesthesia.
- 5% for dental radiography.
- 10% viva exam.

**Course contents:**

1. Preparation of the dental unit with emphasis on cross-infection control.
2. Components of the clinical history.
3. Components of clinical extra- and intraoral examination.
4. Diagnosis and treatment planning.
5. Taking intraoral radiographs.
6. Mastering adequate oral hygiene methods.
7. Performing local anesthetic injections required for anesthetizing dental and oral tissues prior to commencement of dental and oral treatment.

<b>Week</b>	<b>Clinical session topic</b>	<b>Material covered</b>
1	Cross infection control and sterilization	Methods of clinical infection control & methods of sterilization
2	Patient's History	Components of patient's history: Personal details, Chief complaint and its history, Medical history, Dental history, Family history, social and habitual history
3	Extraoral examination	Extraoral examination: Lymph nodes, cranial nerves, TMJ, head and neck muscles, lip, nose, eyes and ears
4	Intraoral examination	Intraoral examination: Oral mucosae, Dental examination, Salivary flow, Periodontal examination
5	Oral hygiene	Methods of maintaining adequate oral hygiene
6	Introduction to local anesthesia in dentistry	<ul style="list-style-type: none"> <li>• Showing the students various anesthetic carpules, anesthetic syringes and needles</li> <li>• demonstration of different local anesthetic techniques on skull and in vivo (intraorally)</li> </ul>
7	Dental radiography	Showing the students how to take bite-wing and periapical dental radiographs
8	<b>Final Exam</b>	

**References:**

- Gary C. Coleman, John F. Nelson. Principles of Oral Diagnosis. ISBN (0-8016-1005-2), Mosby-Year Book. 1993.
- Crispian Scully. Oral and Maxillofacial Medicine. ISBN (0723-61074-6), Elsevier Limited. 2004