**King Saud University**

**College of dentistry**

**Department of Oral Medicine**

**& Diagnostic Sciences**

**Division of Oral Medicine/Oral Diagnosis**

**Course Number and Name:**

341 DDS- Oral Diagnosis-11

4 Credit hours (Lecture = 1, Clinic= 3)

**Course description and objectives:**

This course is aimed for the improvement of the clinical skills of the 'students in taking dental and medical history and performing a thorough clinical examination of the oral and paraoral structures. The didactic part is offered with the primary emphasis on diagnosis and differential diagnosis of diseases involving the mouth and the paraoral region. The course extends over a period of 15 weeks with one lecture of one hour duration and one clinical session of 3 hour duration every week.

**Course objectives:**

After completion of this course, the dental student should:

1. Know how to establish a record for a dental patient and to differentiate between different types of records used in the College.
2. Know and be able to behave in a professional way in the clinic.
3. Understand the appropriate way of patient handling in the dental clinic.
4. Apply previous information from course Oral Diagnosis I regarding taking history, examination, and the vital signs treatment planning.
5. Be able to analyze the information obtained and to predict its significance.
6. Be able to record and understand their significance.
7. The student should be able to recognize lesions and to differentiate normal from abnormal structures and tissues.
8. Be able to perform and record general dental and periodontal charting.
9. Be able to conform a list of the dental problems diagnosed in the patient.
10. Be able to provisionally diagnose oral non-dental diseases.
11. Know how to refer a dental patient for dental or medical consultation.
12. Know how to request the appropriate laboratory or radiographic investigations.
13. Be able to interpret the results of laboratory or radiographic investigations.
14. Know the etiology, clinical picture, provisional diagnosis, and management of white lesions, red lesions and pigmented lesions of the oral cavity.
15. Know the etiology, clinical picture, differential diagnosis and treatment of extra and intra oral soft tissue swellings, vesiculo-bullous and ulcerative lesions and polypoid swellings.

**C. Course outline:**

***Lecture topics:***

1. Introduction
2. White lesions I
3. White lesions II
4. Pigmented lesions
5. Red lesions
6. Extra-oral swellings I
7. Extra-oral swellings II
8. Intra-oral swellings I
9. Intra-oral swellings II
10. Papillary & multiple polypoid lesions
11. Vesicular and bullous lesions
12. Ulcerative lesions I
13. Ulcerative lesions II
14. Revision

***Patient examination sessions:***

Students will be divided into groups of two students. Each group will work on one patient. One of the students is expected to check the general personal data, health questionnaire, and take the social, dental and medical history. The other student should perform extra and intra-oral examination. (The students should perform these 2 parts alternately every session). Having done that, both of them are expected to do charting, study the radiographs, and write a complete treatment plan. Then he or she

is expected to call the instructor for final check-up and grading. **A student should never** call the instructor unless all the paper work is done, otherwise the final grade will be affected. These papers include:

1. History including:
   1. Patient's personal data
   2. Health questionnaire
2. Examination including:
   1. Extra and intra-oral examination
   2. Charting form
   3. Radiographs & laboratory investigation (where needed)
3. Problem list & treatment plan
4. Appointment form
5. Evaluation form

* If laboratory investigation were needed, the assigned faculty member will help on writing the requests at the end of the sessions.
* Student should also follow the instructions of the assigned supervisor whether to write directly in the file or in a separate paper.
* Each student must have a patient every clinical session. Total of 7 patients is the minimum requirements

**Clinical Pathological Conference (CPC):**

Three (3) CPC will be held during this course. The students will be given history of 5 to 10 cases. Slides of these cases such as (clinical, radiological, histopathological,...etc) of different abnormalities involving the oral and paraoral regions will be shown. The students are expected to give a diagnosis or a differential diagnosis of each case.

**Case Study**

A -Patient's complaints, detailed dental and medical history, findings on examination together with supplemental laboratory results will be presented to students. Medical and /or histopathologic slides will be provided. The class will be divided into groups of four students each. A period of few weeks will be given to allow students to study the case, review books, consult faculty members or even check on media to reach a diagnosis. Equal effort in preparation and presentation is expected from all members of the group. Discussion will take place afterwards.

B - Seminars

Each groups of students should present an update articles related to the case study .

**Recommended Readings:**

1. Clinical Outline of Oral Pathology: Diagnosis and Treatment :

L.R. Eversole (textbook),

Third edition,

Lea & Febiger, USA.

1. Principles of Oral Diagnosis: Gary C. Coleman

John F. Nelson

1st Ed (1993)

1. Differential Diagnosis of Oral Lesions by Wood and Goaz, (reference book).

C. V. Mosby Company,

Fourth edition.

**Examinations & Grading**:

Grading will be as follows:

1st Assessment Exam 10 degrees

2nd Assessment Exam 10 degrees

Clinical Performance 15 degrees

Clinicopathologic Conferences (CPC) 15 degrees

(Case Study +activity ,

Unscheduled quizze ) 10 degrees

Final Examination 40degrees

Total 100