

Subject Code: 1DS1010305	Subject Title: Oral Medicine and Radiology
Pre-requisite Subject	- NONE -

Introduction

Oral Medicine and Radiology is unique in that it combines two different specialties Oral Medicine and Radiology. It sits at the interface between dentistry and medicine. It is a specialist clinical area of care for treating head and neck medical diseases. In some instances, mouth symptoms and signs reflect problems only in the mouth. However, in some cases mouth symptoms can suggest a connection with disease or problems in other parts of the body and it is the Oral Medicine specialist who can best decide what tests or investigations are needed in these situations. Conditions managed in Oral Medicine are often chronic and may have a significant psychological, as well as physical impact on the patient's quality of life. Some of these conditions also involve other diseases in the body, and in these cases the oral medicine specialist works as part of a multi-disciplinary patient care team

Oral Medicine is involved in patient care, teaching and research involving diagnosis and nonsurgical management of diseases of the orofacial complex and systemic and behavioural disorders that impact oral health.

This is where the UG students gain the ability to examine patients, diagnose issues and practice the clinical skills, vital to good dentistry.

Objectives

1. To train the students to diagnose the common disorders of orofacial region by clinical examination & with the help of such investigations as may be required & medical management of oro-facial disorders with drugs & physical agents.
2. To train the students about the importance, role, use & techniques of radiographs/digital radiograph & other imaging methods in diagnosis.
3. The principles of the clinical & radiographic aspects of Forensic Odontology.

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)						
Lecture	Tutorial	Practical	Credit	Theory(T)				Practical (P)		
				University Assessment	Continuous Assessment	Viva Voce	Total Marks	University Assessment	Continuous Assessment	Total Marks
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Theory Lecture

Oral Medicine

1. Introduction
2. Case History
3. Pulp & periapical Pathology
4. Diseases of Periodontium
5. Developmental Anomalies of teeth & jaw
6. Cysts of the Jaw
7. Benign Tumors of the Jaw
8. Fibroosseous lesions of the Jaw

Oral Radiology

1. Introduction, History & Scope of Oral Radiology
2. Radiation Physics
3. Projection Geometry
4. Intraoral Radiographic Techniques
5. Radiographic Films, Screens & Grids
6. Radiographic Film Processing
7. Principles of Radiographic Interpretation
8. Anatomical Landmarks of Maxilla & Mandible

Practical/Clinical

1. Student is trained to arrive at proper diagnosis by following a scientific and systematic procedure of history taking and examination of the orofacial region. Training is also imparted in management wherever possible. Training also shall be imparted on saliva diagnostic procedures. Training also shall be imparted in various radiographic procedures and interpretation of radiographs.
2. In view of the above each student shall maintain a record of work done, which shall be evaluated for marks at the time of university examination.

Oral Medicine

1. Case History discussion
2. Case History demonstration
 - a. Hard & Soft tissue
 - b. Lymph Node examination
 - c. TMJ Examination
 - d. Salivary Gland Examination
 - e. Muscles of Mastication Examination
 - f. Intraoral Examination
3. Case History recordings: 05

Oral Radiology

1. Discussion on:

- a. Intraoral Radiographic techniques
 - b. Radiographic film processing
 - c. Radiographic interpretation
 - d. Anatomical Landmarks
- 2. Demonstration on:
 - a. Intraoral Radiographic techniques
 - b. Radiographic film processing
- 3. Radiographic exercises:
 - a. 10 Normal IOPA radiographs