

SECTION-4A

CHAPTER-4

ORAL MEDICINE, DIAGNOSIS & RADIOLOGY

4A.4.1.a AIM: The subject of Oral Medicine and Radiology aims to train the students ardently to use basic diagnostic procedures and techniques useful in recognizing the disease of the oral and paraoral tissues of local and constitutional origin and their medical management. The subject also includes formulation of the diagnosis and medical management of diseases specific to the orofacial tissues and of oral manifestations of systemic diseases. It also aims towards management of behavioral disorders and oral and dental treatment of medically compromised patients.

4A.4.1.b: OBJECTIVES:

i-Knowledge and understanding:

The graduate should acquire the following during the period of training.

- The students should be able to record a detailed case history and clinical examination of the patient to arrive at a provisional diagnosis.
- They should have knowledge regarding the chair side and advanced diagnostic methods including radiographic techniques to formulate final and differential diagnosis.
- Students should be aware of medical complications that can arise while treating patients and management for the same. They should be able to manage medically compromised patients and modifications in the dental treatment for such patients.
- Students should have the knowledge of various intraoral and extraoral radiographic techniques, radiation safety and radiation hazards.

ii-Skills:

- A graduate should be able to demonstrate the following skills necessary for practice of dentistry.
- To diagnose various premalignant and malignant lesions and conditions, other mucosal disorders and undertaking their medical management.
- To carry out intraoral radiographic techniques like periapical, bitewing and occlusal radiographs.
- To carry out the required investigative procedures like tooth vitality testing, vital staining.
- To prescribe medicines for the common oral and dental pathologies.

b – Attitudes:

- A graduate should develop during the training period the following attitudes.
- Willing to apply current knowledge of Oral Medicine and Radiology in the best interest of the patients and the community.
- Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
- To handle the patients with great compassion, explain them the required treatment options and also educate about the preventive aspects of oral diseases.
- To counsel and educate the population regarding ill effects of habits like betel nut, tobacco, alcohol etc.

4A.4.1.c: OUTCOMES:

1. The student should be able to function independently as a dental clinician.
2. At the end of the 4+1 year program the student should be able to handle clinical situations competently.
3. The student should be able to make an informed decision about further education.

4. The student should be able to make a judicious choice to refer cases beyond her/his competency.