

## **INFRASTRUCTURE:**

Major equipment available in Department of Oral Mmedicine and Radiology:

<b>Name</b>	<b>Specificaton</b>	<b>Number</b>
Dental chairs and units	As per specification	25
Panoramic Xray with cephalometric (OPG)	Preferably Digital AERB certified (Gendex)	1
Panoramic Xray with cephalometric (OPG)	Conventional (Carestream)	1
Intra oral Xray unit	AERB certified Gendex( Oralix),Meditrix(Dent X)	3
RVG	Gendex	1
Pulp Tester	Digital	3
Automatic periapical X-ray developer		2
Automatic Panaromic with Cephalometric xray printer		1
Xray viewer	For panaromic and cephalometric films	3
Radiovisiography (RVG)	Digital intra xray system with one sensor and software	1
General xray unit	500A	1
Lead Aprons		2
Lead Gloves		1

Lead collar		1
Lead Screens		8
Autoclave	Having wet and dry cycle,	2
Needle burner with syringe cutter		2
Computer	Minimum Pentium IV	4
Intra Oral Camera	With high resolution	1

### **DENTAL OPD**

Department is situated in the Dental wing of the premises, it has fully functional clinical block and radiology section. The dental OPD has separate undergraduate and postgraduate sections, where in the students examine the patients with the expertise of the faculty members. In OPD there is provision of intraoral camera and computer display which maintains transparency of diagnosis and treatment for the patient. Proper aseptic environment is created in the department with following proper steps in sterilization procedures and all necessary steps are being taken to prevent any cross infection. The tobacco cessation center forms the vital part of the department which is recognized not only provides basic counseling to the patients but also emphasizes on patient's counseling on tobacco and smoking cessation. The patients here are guided for various dental treatment and its outcome , but also for clarifying the myths regarding dental practice.

## **DENTAL RADIOLOGY DEPARTMENT:**

Oral & Maxillofacial Radiology is the specialty of dentistry and discipline of radiology concerned with the production and interpretation of images and data produced by all modalities of radiant energy that are used for the diagnosis and management of diseases, disorders and conditions of the oral and maxillofacial region. Radiology section is equipped with latest equipments, provides radio diagnosis for all the patients and thus helps out clinicians with effective treatment planning of their patients. It offers proper infrastructure and equipments of radiology teaching to under/postgraduate dental students

The department is well equipped and consists of the following radiology machines

- 3 IOPAR Machines.( AERB certified) Gendex( oralix),Meditrix(Dent X)
- Digital panoramic unit - Carestream
- Conventional Panoramic unit -Gendex
- RVG-Gendex
- 2Automatic intraoral film processor
- Well equipped and ventilated Darkroom
- Computers with internet facility, scanner and printer for digital printouts

## **GENERAL RADIOLOGY :**

The general radiology department is well equipped and digitalized with proper radiation protection protocols being implemented for patient as well as the operator safety. The department consists of the following machines:

- 500mA Semiens Machine
- 100mA mobile radiology unit

The department helps us in providing general whole body Xrays (chest, limbs, abdomen, head, and spine) and also various radiography assisted procedures being performed there namely IVP, HSG, RGU/MCU and Barium studies