

DEPARTMENT OF DENTISTRY

Vision

The vision of the Dental Department in a Government Medical College (GMC), Jalgaon typically focuses on:

"To provide comprehensive, affordable, and high-quality dental care by integrating advanced technology, evidence-based practices, and patient-centered approaches, ensuring optimal oral health for all."

Key Aspects of the Vision :

- 1. Patient-Centered Care – Delivering compassionate, pain-free, and ethical dental treatments for all patients.**
- 2. Advanced Treatment Modalities – Utilizing modern dental technologies such as laser dentistry, digital radiography, and CAD/CAM restorations.**
- 3. Affordable & Accessible Services – Providing cost-effective treatments, ensuring even underprivileged patients receive quality care.**
- 4. Preventive & Minimally Invasive Dentistry – Emphasizing preventive care, early diagnosis, and conservative treatment options.**
- 5. Emergency & Specialized Care – Offering prompt management of dental emergencies, including trauma care and maxillofacial surgeries.**
- 6. Multidisciplinary Approach – Collaborating with other medical departments (ENT, oncology, plastic surgery) for holistic patient management.**
- 7. Public Health & Outreach – Conducting free dental camps, school screening programs, and awareness drives to improve community oral health.**
- 8. Continuous Skill Enhancement – Ensuring dental professionals stay updated with the latest advancements through training and research.**

Mission

1. Patient Care

- Provide **comprehensive, affordable, and high-quality** dental treatment to patients.
- Promote **preventive dental care** through education and awareness.
- Ensure the use of **modern technology and techniques** for better patient outcomes.

2. Community Outreach & Public Health

- Conduct **dental camps and outreach programs** for underserved communities.
- Promote **oral hygiene awareness** and disease prevention strategies.
- Collaborate with public health initiatives to **reduce oral health disparities**.

3. Research & Innovation

- Encourage research in **dental sciences, oral diseases, and treatment advancements**.
- Foster interdisciplinary collaborations for **holistic patient care**.

4. Ethical & Professional Excellence

- Maintain **high ethical standards** in dental education and practice.
- Train students to provide **patient-centered and evidence-based care**.


Goals

1. Offer Cutting-Edge Treatment: Provide the most cutting-edge therapeutic approaches accessible.




2. Improve Patient Outcomes: Put your attention on helping patients with successful treatment plans to become healthier and happier.

3. Make Use of Advanced Technologies: To enhance surgical accuracy, diagnosis, and treatment results, apply the most recent technological developments.

List of Teaching Faculties

Sr. No.	Name of Faculty	Designation	Qualification	Total Teaching experience	Photo
1	Dr. Imran Pathan	Assistant Professor	MDS Orthodontics and Dentofacial Orthopaedics	8 years	

List of Residents

Sr. No.	Name of Resident	Designation	Qualification	Photo
1	Dr. Hemant Patil	Senior Resident	MDS	
2	Dr. Rajat Chaudhari	Senior Resident	MDS	
3	Dr. Satish Suralkar	Junior Resident	BDS	
4	Dr. Juhi Patil	Junior Resident	BDS	

Recent Activities by the Department

1. Screening camps at various institute levels.
2. World oral health day celebration.
3. Awareness regarding oral health and hygiene.

Facilities /Services offered by the Department

The Department of Dentistry typically provides a wide range of services to diagnose, prevent, and treat oral health issues. Here are some common facilities and services offered:

1. Preventive Services

- Dental Checkups & Examinations
- Oral Prophylaxis (Teeth Cleaning & Scaling)
- Fluoride Treatments
- Dental Sealants
- Oral Cancer Screening

2. Restorative Dentistry

- Dental Fillings (Composite, Amalgam, Glass Ionomer, etc.)
- Root Canal Treatment (Endodontics)

3. Periodontal (Gum) Treatments

- Scaling & Root Planing (Deep Cleaning)
- Gum Surgery

4. Prosthodontics (Replacement of Missing Teeth)

- Complete & Partial Dentures
- Dental Implants
- Fixed & Removable Protheses

5. Pediatric Dentistry (Children's Dental Care)

- Preventive Care for Children
- Pulpotomy & Pulpectomy (Baby Root Canal)

6. Oral & Maxillofacial Surgery

- Wisdom Tooth Removal

7. TMJ & Orofacial Pain Management

- Treatment for Temporomandibular Joint (TMJ) Disorders
- Bruxism (Teeth Grinding) Treatment

8. Specialized Dental Imaging & Diagnostic Services

- Digital X-rays (Intraoral X-rays)

FACILITIES AVAILABLE IN DEPARTMENT

Technologies Mentioned:

1. RVG Machine :

An **RVG (RadioVisioGraphy) machine** is a **digital dental X-ray system** that provides instant imaging for better diagnosis and treatment planning. It is widely used in modern dentistry due to its **high precision, low radiation exposure, and quick processing time** compared to traditional X-ray films.

2. Class B autoclave :

It is high-performance **steam sterilizer**. It is considered the most advanced type of autoclave, meeting the highest sterilization standards

3. Dental Loupes :

Dental loupes are magnifying glasses that dentists and dental hygienists wear to enhance their vision during procedures. They improve precision, reduce eye strain, and help maintain better posture by allowing professionals to see fine details more clearly.

4. Implant Motor Physiodispensers :

It is a specialized surgical device used in dental implantology to precisely drill into bone and place implants. These devices ensure **controlled speed, torque, and irrigation**, which are crucial for successful implant placement.

5. Endomotor :

An **Endomotor** is a specialized dental tool used in **root canal treatments (endodontics)** to aid in cleaning, shaping, and preparing the root canals for filling. The device uses rotary files that spin within the root canal, helping to remove infected tissue, debris, and shape the canal to the appropriate size.

6. Apex Locator :

An **Apex Locator** is a vital tool in **endodontics** (root canal therapy) used to accurately determine the **apical foramen** (the end point) of a tooth's root canal system. It helps dentists measure the length of the root canal, ensuring they clean and shape the entire canal without perforating the root or under-treating it.

Photo Gallery



WORLD ORAL HEALTH DAY CELEBRATION



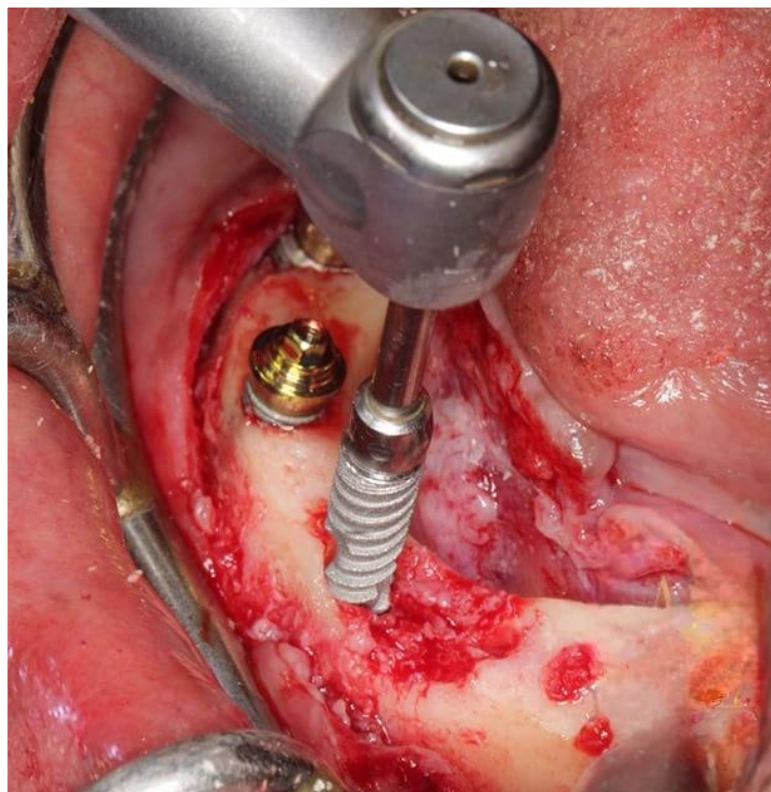
ENUCLEATION OF CYST



SURGICAL EXCISION OF FIBROMA



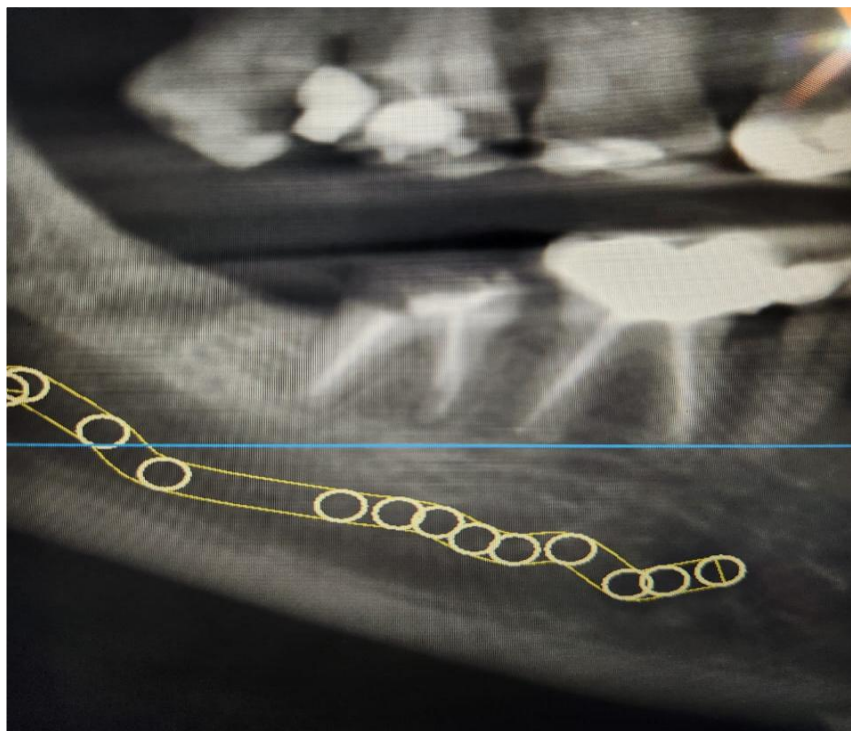
ALVEOLOPLASTY PROCEDURE



DENTAL IMPLANT PROCEDURE



IOPA SHOWING OSSEOINTEGRATED DENTAL IMPLANTS



IOPA SHOWING ENDODONTICALLY TREATED TEETH



PROCEDURE FOR DRAINING THE ABSCESS



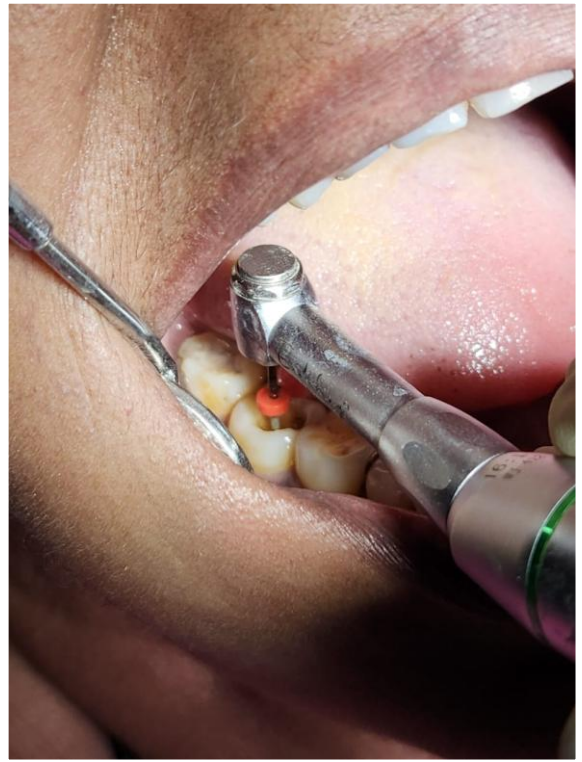
RESTORATIVE PROCEDURE



REMOVAL OF BENIGN TRAUMATIC FIBROMA



EXTRACTION



ENDODONTIC TREATMENT



RADIOVISIOGRAPHY UNIT FOR IOPA