

## **DEPARTMENT NAME: PERIODONTOLOGY & IMPLANTOLOGY**

- Department Name: Periodontology & Implantology
- Location of building : 1<sup>st</sup> floor, Room no.146, Government dental college and hospital, GHATI campus Aurangabad Maharashtra 431001

### **Department Description:**

Periodontics is a specialty of dentistry which encompasses prevention, diagnosis and treatment of diseases of the supporting tissues of the teeth. Apart from routine oral hygiene maintenance which form the scope of Periodontics are treatment of Periodontitis, Depigmentation of oral tissues, Laser surgeries, Reattachment procedures, Gingivoplasty, Implant surgeries etc.

### **Vision & Mission**

Our vision is leadership, locally and regionally in patient care, teaching, scientific research and community services in the field of periodontology. Our mission is to seek excellence in education through innovation, applied technology and by creating atmosphere for learning and personal career development. Our department is committed to advancing the science of periodontology and creating new knowledge. We seek to serve the community, the state and the profession by providing highest standards of periodontal treatment by means of advanced implantology and hard and soft tissue laser procedures. We foster periodontal care to improve oral hygiene and overall health. We aspire to educate high quality individuals not only to serve as outstanding clinicians and community leaders, but also academic leaders through research by starting PhD in the near future who can advance the field of Periodontology

### **Patients service :**

- Scaling and root planning
- Occlusal Therapy –Coronoplasty, Splinting
- Hypersensitivity treatment by Iontophoresis, laser, bonding agents etc
- Local Drug delivery

- Subgingival Curettage
- Gingivectomy
- Operculectomy
- Various types of Flap surgeries
- Osseous Resective surgeries
- Regenerative procedures – GTR, Bone Grafts, Root Biomodification, Growth Factors
- Ozone therapy
- Periodontal Plastic surgeries
  - Frenectomy
  - Frenotomy
  - Vestibuloplasty
  - Lateral pedicle
  - Bipedical flap
  - Coronally positioned flap
  - Free gingival graft
  - Connective tissue graft
  - Subepithelial connective tissue graft

#### **Miscellaneous Surgical Procedures**

1. Abscess drainage
2. Gingival depigmentation
3. Epulis excisions
4. Distal molar surgery
5. Tunnel Preparation

#### **Interdisciplinary Treatment Modalities**

- Endodontic-Periodontic Lesions
- Hemisection & Bicuspidization
- Root Resection
- Perio-Prosthetic interrelationship
  - Crown Lengthening
  - Ridge Augmentation
- **Implant surgeries** – Basic and advanced Implant surgeries
- **Laser Surgeries**

## **ACTIVITIES:**

### **Under Graduate Curriculum:**

The department's undergraduate dental curriculum starts in second year wherein the students are familiarized with the basics of periodontium. After imbibing the correct and strong basics regarding the anatomy and histology which remain the backbone of entire dentistry, the next goal is accomplished in the third year and that is, to develop the student's knowledge regarding diseases of periodontium. It helps to develop treatment plans that address existing problems as well as disease prevention and health promotion (pathogenesis, intervention and prevention of the disease).

These teaching lessons for the students are sufficed study models, pictorial charts and advanced audio-visual aids. Undergraduate students are encouraged to participate in seminars / tutorials periodically on various topics

### **Post Graduate Curriculum:**

The department of Periodontics started enrolling students for postgraduate course from the year 1994 and so far 40 students have been enrolled including 9 current post graduate students. The training includes an exhaustive and comprehensive study of Periodontics detailed with clinical correlations and insightful study of the mechanism or pathogenesis of the disease. The students also acquire skills of non-surgical and surgical periodontal therapy. During the course of three years, students attain experience to the clinical situations and various routine and specialized treatment techniques.

Interactive seminars and journal clubs are held every week in the seminar room equipped with audio-visual aids. The Post Graduate students are also encouraged to participate in various continuing dental education programs like interactive slide sessions conducted in various dental colleges. The Post Graduates and staff of the department participate in various state & national conferences, conventions and workshops by giving scientific presentations.

## **RESEARCH ACTIVITIES**

| Name of teacher   | Designation         | Number of research papers |          |
|-------------------|---------------------|---------------------------|----------|
|                   |                     | International             | National |
| Dr Maya Indurkar  | Professor & Dean    | 40                        | 18       |
| Dr C D Dhalkari   | Professor & Head    | 21                        | 2        |
| Dr Ashok Bhansali | Associate professor | 6                         | 5        |

### **Number of staff and details:**

Dr. Maya S. Indurkar  
Professor , Dean & P.G. Guide  
Email: [mayaindurkar@gmail.com](mailto:mayaindurkar@gmail.com)

Dr. C.D. Dhalkari  
Professor & Head & P.G. Guide  
Email: [drcddhalkari@gmail.com](mailto:drcddhalkari@gmail.com)

Dr. Ashok kumar R. Bhansali  
Associate Professor & P.G. Guide  
Email: [bhansali\\_ak@rediffmail.com](mailto:bhansali_ak@rediffmail.com)



---

**Undergraduate Clinic**



---

**Post Graduate Clinic**



---

**Special Operatory for LASER & Implantology**