

DEPARTMENT OF ORAL AND MAXILLOFACIAL PATHOLOGY

Oral Pathology is the specialty of dentistry and discipline of pathology that deals with the nature, identification, and management of diseases affecting the oral and maxillofacial regions. It is a science that investigates the causes, processes, and effects of these diseases. The practice of oral pathology includes research and diagnosis of diseases using clinical, **radiographic, microscopic, biochemical** or **other examinations**.

Towards this end, the aspiring dentist is first introduced to the normal anatomy, histology and embryology of the oral tissues together with the physiological and biochemical basis of functioning of these tissues. This is followed by the exposition of the essential nature, cause, development, structural and functional changes wrought by disease in its various forms.

Undergraduate and post-graduate students acquire competence in the recognition of the normal and abnormal features of the oral and allied tissues by a comprehensive series of lectures, practicals and interactive seminars, slide reviews and projects.

The department of Oral & Maxillofacial Pathology provides **investigative clinical and histopathological services** for referred patients, while maintaining a database of the various oral pathoses reported for research. The department also conducts research studies in an attempt to contribute towards the diagnosis and prognosis of various pathologies related to the oral cavity.

The department is reasonably well equipped with a well-ventilated, bright central student's laboratory, binocular microscopes, an extensive slide collection comprising 90 percent of oral pathoses, museum, and a departmental library with a cross section of the latest editions of reference titles. The clinical pathology section has nine fully loaded **dental chairs, automated hematology and biochemical analyzers**.

The histopathological laboratory has an **automated tissue processor, rotary microtome, cryostat, research microscope** with prescribed attachments, imaging and facilities for **immunohistochemical investigations**.



Faculty Members:

Professor & Head: Dr. Anita Spadigam,

Professor: Dr. Anita Dhupar

Assistant Professor: Dr. Shaheen Syed

Assistant Professor: Dr. Karla Carvalho

Lecturer: Dr. Jochima Eudora Cota

Lecturer: Dr. Poonam R. Sawant

Lecturer (on contract): Dr. Nairica Rebello

Lecturer (on contract): Dr. Anupama Mukherjee

Senior Resident: Dr. Manjeeta Sinai Dhume

Technical Staff:

Lab Technician:

Mrs. Darshana Shirodkar

Miss Tanvi T. Naik (on contract)

Miss Franzila Crasto (on contract)

Mr. Tejes A. Gaonkar (on contract)

Miss Pricila P. Fernandes (on contract)

Support staff:

Ms. Kumud Naik

Mrs. Leela Harijan

ACADEMICS

Intake of Undergraduate students: 50 per year

Intake of Postgraduate students: 2 per year

Passing percentage in the last 5 years: 100%

Placement of Postgraduate students (Last 5 years):

Teaching Position: 3

Private Practice: 9

Number of Scientific Publications (2000 -2023): 48

HIGHLIGHTS

BEST SCIENTIFIC PAPER & POSTER AWARDS:

POST GRADUATE STUDENTS:

Title of Poster: “Chlorhexidine: Clinical use in Dentistry”

Presented by: Dr. Karla Carvalho at Goa State IDA Conference, 2011, Goa.

Title of Paper: “A twist in the Tale- Cyst Diagnosis and Intervention”

Presented by: Dr. Karla Carvalho at 7th World Zoroastrian Dental Congress, 10th Goa State Dental Conference, 2012, Goa.

Title of Paper: “Objective Scoring System for Grading Dysplasia”

Presented by: Dr. Karla Carvalho at XXI National IAOMP Conference, 2012, Goa.

Title of Paper: “CK19- The Hidden Red Alert Alarm”

Presented by: Dr. Karla Carvalho at XXIII National IAOMP Conference, 2014, Bangalore, Karnataka.

Title of Poster: “Amplification for detection: Case of Oral Dirofilariasis with PCR Analysis”

Presented by: Dr. Poonam R. Sawant at XXIII National IAOMP Conference, 2014, Bangalore, Karnataka.

Title of Paper: “The Keratin Tales: Mimics & Decrypting – A Histochemical Perspective”

Presented by: Dr. Poonam R. Sawant at XXIV National IAOMP Conference 2015, Jaipur, Rajasthan.

Dr. Poonam R. Sawant, awarded 1st place in Histopathology diagram competition at XXIV National IAOMP Conference, Jaipur, Rajasthan.

Title of Poster: “The varied facades of the ‘Clock face’: diagnostic dilemma”

Presented by: Dr. Anupama Mukherjee at XXIV National IAOMP Conference 2015, Jaipur, Rajasthan.

Title of Poster: “Cell Chronicles-An atypical case of Adenoid Cystic Carcinoma”

Presented by: Dr. Anupama Mukherjee at XV National Post graduate Convention 2015, Vadodara, Gujrat.

Title of Paper: “The Silent Perpetrator of Oral Carcinogenesis: Inflammation”

Presented by: Dr. Anupama Mukherjee at State IDA Conference 2016, Goa.

Title of Poster: “Future of Dentistry- A Bridge between Mind & Matter”
Presented by: Dr. Jitisha Savalkar at GDC Mumbai in 2021.

Title of Poster: “Dentistry- A Time Travel”
Presented by: Dr. Geethu Prasad at GDC Mumbai in 2021.

Title of Poster: “Mindful Smiles: “Unraveling the Relationship Between Cognitive Function and Oral Health” (2nd Prize)
Presented by: Dr. Kanchan Sharma at OOO conference 2024, Bhubaneswar- Orissa.

Title of Poster: ‘Cracking the Enigma: Diagnostic challenges in vascular lesions (2nd prize)
Presented by: Dr. Kanchan Sharma at PG Convention 2024 at KLE institute Belgavi.

STAFF:

Title of Paper: “Detecting cancer stem Cell Population in Oral Epithelial Dysplasia & oral Squamous Cell Carcinoma”
Presented by: Dr. Karla Carvalho at International CME in Histopathology, 2018, Goa.

Title of Paper: “The Hits & Misses: An Evidence Based Review”
Presented by: Dr. Karla Carvalho at 1st International & 16th National IAFO Conference 2018, Dona-Paula, Goa.

Title of Paper: “Immunohistochemical Expression of Muc4 in Oral Verrucous Hyperplasia & Verrucous Carcinoma: An Original Study”
Presented by: Dr. Poonam R. Sawant at XXVIII National IAOMP Conference 2019, Kovalam, Kerala.

Title of Paper: “Hybrid tumors of the Jaw: The Sleeping Giant”
Presented by: Dr. Anupama Mukherjee at XX National IAOMP PG Convention 2023, New Delhi.

Title of the Paper: “Bridging theory and practice: Assessing the benefits and challenges of early clinical exposure in dental education” (2nd Prize)
Presented by: Dr. Jochima E. Cota at the International Conference on Dental Education & Curriculum Conclave 6.0, 2024 at MCOADS, Mangalore.

Title of the Paper: “Understanding Oral Mucoceles: A Comprehensive Institutional Study, Including Histopathological Insights” (2nd Prize)
Presented by: Dr. Jochima E. Cota at 31st National Conference of IAOMP, 2024 at Kodaikanal.

OTHER EVENTS:

- CDE was organized by the Department on 3rd March 2022 on “OPMD-OSCC: A Comprehensive Review”
- Dr. Anita Dhupar won 2nd place in women’s above 50 category GARD MSN 10 kms Marathon, in 2024.
- Sports achievements: Dr. Kanchan Sharma won the following prizes in 2024-

I-run Goa Marathon - 3rd prize

Goa Marathon - 2nd prize

GARD- 2nd prize

Goa Marathon – 2nd prize

Full marathon held in Tata Mumbai – 42km – 8th position

- Every year ‘**Oral Pathologists’ Day**’ is celebrated on 25th Feb with great enthusiasm. In 2024, The Department of OMFP, invited an eminent Oral Pathologist Dr. Rajiv Desai, Professor & Head, Department of Oral Pathology & Microbiology, Nair Hospital Dental College, Mumbai, to deliver a talk titled ‘Walking with an Oral Pathologist’ on 14th Feb 2024.
- On the occasion of **Women’s day 2024**, the female Labourers working on the construction of Phase II were invited to the Department of Oral Pathology, for a small talk on maintaining Personal & Oral hygiene & felicitated them with a small token of appreciation.