

# **Textbook of Oral Pathology**



# Textbook of Oral Pathology

## Anil Ghom

MDS (Oral Medicine & Radiology)  
Professor and Head

Department of Oral Medicine and Radiology  
Chhattisgarh Dental College and Research Center  
Sundra Rajandagao, Chhattisgarh  
India

## Shubhangi Mhaske

MDS (Oral Pathology)  
Associate Professor

Department Incharge, Department of  
Oral Pathology, People's Dental Academy  
Bhopal (MP)  
India



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**Registered Office**

B-3 EMCA House, 23/23B Ansari Road, Daryaganj, **New Delhi** - 110 002, India

Phones: +91-11-23272143, +91-11-23272703, +91-11-23282021, +91-11-23245672, Rel: +91-11-32558559

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e-mail: kolkata@jaypeebrothers.com
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- ❑ 106 Amit Industrial Estate, 61 Dr SS Rao Road, Near MGM Hospital, Parel  
**Mumbai** 400 012 Phones: +91-22-24124863, +91-22-24104532, Rel: +91-22-32926896  
Fax: +91-22-24160828, e-mail: mumbai@jaypeebrothers.com
- ❑ "KAMALPUSHPA" 38, Reshimbag, Opp. Mohota Science College, Umred Road  
**Nagpur** 440 009 Phone: Rel: +91-712-3245220, Fax: +91-712-2704275  
e-mail: nagpur@jaypeebrothers.com

**USA Office**

1745, Pheasant Run Drive, Maryland Heights (Missouri), MO 63043, USA, Ph: 001-636-6279734

e-mail: jaypee@jaypeebrothers.com, anjulav@jaypeebrothers.com

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*Dedicated  
to  
The students of dentistry*

*“Prayer is not to lighten your burden, but to strengthen your back, have FAITH in yourself  
and your Almighty, as FAITH doesn’t move mountains but gives power to climb them”*



# Contributors

## **Imtiyaz Nadaf**

MDS (Oral Pathology)  
Senior Lecturer  
Department of Oral Pathology  
People's Dental Academy  
Bhopal  
Madhya Pradesh  
India

## **Mandale Mandakini**

MDS (Oral Pathology)  
Senior Faculty  
Govt. Dental College and Hospital  
Aurangabad  
Maharashtra  
India

## **Sangamesh Halawar**

MDS (Oral Pathology)  
Reader  
Department of Oral Pathology  
CDCRI, Rajnandgaon, Chhattisgarh, India

## **Anand Tegginamani**

MDS (Oral Pathology)  
Senior Lecturer  
Coorg Institute of Dental Science, Virajpeth  
Coorg, Karnataka, India

## **Meghanand Nayak**

MDS (Oral Pathology)  
Senior Lecturer  
KGMC College, Luknow, India





# Foreword

It gives me immense pleasure to write few words about the *Textbook of Oral Pathology*.

This book is the outcome of combined efforts of Dr Anil Ghom, Professor of Oral Medicine and Radiology and Dr (Mrs) Shubhangi Mhaske (Jedhe), Associate Professor of Oral Pathology and Microbiology. I know Dr Shubhangi as undergraduate as well as postgraduate student. I feel her sincerity coupled with hard work and humanly approach toward the patients during her postgraduate studies contributed in making this textbook.

My heartiest congratulations to Professor Anil Ghom and Dr (Mrs) Shubhangi Mhaske (Jedhe) for their great endeavor in bringing out this book. This book contains six sections which are divided into 37 chapters related to oral lesions/diseases inclusive of basic topics of oral pathology. The topics like microscopy, stains and routine as well as special investigations are noteworthy. The lots of updated information in this book will be helpful to undergraduates, postgraduates and also for practising dental fraternity.

The total of over 600 clinical photographs, microphotographs and line diagrams incorporated in the book are definitely useful for in-depth understanding of the subject. The textbooks available on these subjects are many, but only a few ones cover both the subjects: oral medicine and radiology as well as oral pathology. Contribution of Indian authors toward the books in dentistry is less as compared to the foreign authors. Therefore, Mrs Mhaske (Jedhe) deserves a word of appreciation for her sincere and painstaking efforts.

This book is an excellent contribution to a scientific literature in Indian scenario and thereby facilitating our students to understand various diseases.

With regards and best wishes.

**Dr Jagdish V Tupkari**

Professor and Head

Dept of Oral Pathology and Microbiology

Govt Dental College and Hospital

Mumbai, Maharashtra

India



# Preface

In the study of oral and dental sciences, oral pathology is the subject that concentrates on the morphologic changes in oral tissues which causing diseases and the mechanisms of the disease process. Most recently published works on the subject are the product of eminent authorities with multiple authorship with current research advances. 'Why another book in oral pathology'? This question can probably be answered by the phrase,

*"Nothing can be changed by changing the face  
But many things can be changed by facing the change."*

The purpose of this book is mainly to provide the undergraduate and postgraduate students an easy way of reference for covering a broad spectrum of oral pathology in lucid and simple language. In support of all the composite works it can be stated that the progress of oral and maxillofacial pathology in its many varied specialties coming up has made the subject too vast to be covered adequately by a single author. Also a balance between the advances and the basic essentials is need of the hour. With this balanced perspective and from the viewpoint of the graduate and postgraduate students under training, the authors have endeavored to compile the oral and maxillofacial pathology with respect to the related essential clinical oral medicine and radiology. The book gives an extensive coverage and emphasises on detailed description, adequate well labeled illustration, flow charts, recent developments and molecular aspects. Aside from oral pathology in general, the initial phase of the book includes the basics of the embryology, anatomy and pathology. The study of microscope, tissue processing, diagnostic tests and advanced techniques are also included. The photomicrographs and the clinical photographs in the book signify the adage: "A picture is worth a thousand words"; as the reader is encouraged to study the details and to clarify the confusion of the topics.

Inspite of sincere efforts, elements of human error or shortcomings are likely; the readers are welcome to point out all such mistakes and render valuable suggestions for further improvements and shall be greatly acknowledged.

**Anil Ghom**

sanvil@rediffmail.com

anil\_ghom@yahoo.com

**Shubhangi Mhaske**

drmmaske1234@rediffmail.com

drmmaske1234@yahoo.co.in



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Every book has its share of contributor and influence and this book is certainly no exception. I express my deepest gratitude to Dr Sangamesh Halawar, Dr Anand Tegginamani, and Dr Meghanand Nayak. I am also thankful to management of CDCRI for their encouragement.

“Was anything real ever gain, without sacrifice of some kind?”

I am extremely thankful to my family specially my better half, Dr Savita Ghom for the appreciation and unconditional support.

Our special thanks goes to Shri Jitendar P Vij, Chairman and Managing Director of Jaypee Brothers Medical Publishers, and his staff for their excellent work in professionalism.

Last but not the least, we are extremely thankful to Almighty for His continuous blessing.

**Anil Ghom**

*I dedicate my work to my child Sumedh who kept tremendous patience during the entire completion of mission and to my mentor and inspirator, my father Shri Shrikant Jedhe.*

I adore and express my deep sense of heartfelt indebtedness towards my caring, empathetic husband Dr Ashok Mhaske (Prof and Head, Dept of Surgery), who has been a guiding light throughout the intricate voyage of life and for bestowing the untiring, invaluable emotional support that was required for completion this arduous task. No one can accomplish much without the help, support and understanding of family. I acknowledge with affection the support extended to me by my mother Sulochana, brothers, sisters and all the family members especially caring sister-in-law Dr. Mandakini who has been supportive throughout. I am extremely thankful to Dr Imtiyaz Nadaf for his tremendous efforts in providing the professional and technical support for exploring all the possible accesses and avenues required for the latest references to be added in the text. Continuous strong support of Dr Pooja Hazari, Dr Mahesh Masaram, Dr Bharti Sherke, Dr Swapnali is priceless. I am grateful to Dr Raju Ragavendra for helping in proofreading and judicious suggestions. I extend my gratitude towards my respected teacher Dr JV Tupkari, an educationalist with outstanding talent and modesty, whose teaching are unforgettable.

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# Contents

## Section 1: Basics

1. Microscope .....	3
2. Tissue Processing Methods .....	19
3. Stains and Staining Methods .....	28
4. Diagnostic Pathology and Caries Activity Test.....	36
5. Advanced Diagnostic Techniques .....	47
6. Embryology and Anatomy of Oral Structures .....	55
7. Hyperplasia, Hamartoma and Neoplasm .....	70
8. Healing of Oral Wounds .....	84

## Section 2: Pathological Aspects of Oral Diseases

9. Teeth Anomalies .....	91
10. Craniofacial Anomalies .....	123
11. Benign Tumors .....	134
12. Premalignant Lesions and Conditions .....	170
13. Malignant Tumors .....	204
14. Salivary Gland Pathology .....	242
15. Odontogenic Tumors .....	280
16. Cysts of the Orofacial Region .....	318
17. Chemical and Physical Injuries .....	369
18. Allergic and Immunological Diseases of Oral Cavity .....	386
19. Granulomatous Diseases and Collagen Disorders .....	393

## Section 3: Infections of Oral Cavity

20. Dental Caries .....	401
21. Sequel of Pulpal Infection .....	420
22. Consequences of Oral Infection .....	444
23. Bacterial Infections .....	461
24. Viral Infections .....	484
25. Fungal and Parasitic Infections .....	507

### Section 4: Diseases of Specific Organ

26. Periodontal Pathology .....	525
27. Temporomandibular Joint Pathology .....	541
28. Diseases of Tongue .....	549
29. Diseases of Lip .....	571

### Section 5: Systemic Diseases Manifested in the Jaws

30. Blood Dyscrasias .....	585
31. Bone Pathology .....	605
32. Skin Disorders .....	623
33. Nutrition and Oral Cavity .....	643
34. Endocrine Disorders .....	669
35. Diseases Affecting Nerves and Muscles .....	683

### Section 6: Miscellaneous

36. Syndromes of the Orofacial Region .....	697
37. Forensic Dentistry .....	730

### Appendices

Appendix I. Classifications .....	741
Appendix II. Differential Diagnosis of Lesion .....	754
Appendix III. Histology and Histopathological Diagrams of Oral Tissues .....	795
• Glossary .....	821
• Bibliography .....	839
• Index .....	843