



STUDY GUIDE	
PROGRAM	BDS
COURSE TITLE	Oral Pathology
ACADEMIC YEAR	3 rd Year BDS
INTRODUCTION	<p>Oral Pathology is the specialty of dentistry and pathology which deals with the nature, identification, and management of diseases affecting the oral and maxillofacial regions. It deals with diagnosis and study of the causes, processes, and effects of diseases affecting the oral and maxillofacial region. The main method of examination of specimens is by light microscopy.</p> <p>The department of Oral Pathology is situated on the ground floor of the dental college. The undergraduate program in our department was established in the 90s. The department of Oral Pathology provides a center for teaching scholarly activities, deals with patient care, and is concerned with the teaching of diagnosis of a wide range of abnormalities and oral pathologies in the oral and maxillofacial region.</p>
LEARNING OBJECTIVES	
<p>To recognize oral diseases: Students should be able to identify oral and maxillofacial diseases, including their pathogenesis.</p> <p>To understand the relationship between clinical and histopathological manifestations: Students should be able to correlate the clinical presentation of a disease with its histopathology.</p> <p>To interpret clinical signs and symptoms: Students should be able to interpret clinical signs and symptoms to develop a differential diagnosis.</p> <p>To apply pathology concepts: Students should be able to apply basic pathology concepts to unknown clinical diseases.</p> <p>To understand the role of diagnostic aids: Students should understand the importance of diagnostic aids, such as blood tests, in diagnostic oral pathology conditions.</p>	
TEACHING METHODOLOGIES	
<p>Lectures: Interactive lectures taken in which students are actively engaged. Case-based learning</p>	



during lectures.

Practical:

In practical sessions, students observe histological slides under a microscope or on multimedia for better understanding of the subject.

They are also provided with specially designed practical journals in which they draw and label histological diagrams and different aspects/views of oral pathologies for better understanding.

Skill session:

As part of practical sessions, students are taught skills of referring a patient, requesting for a biopsy report, taking informed consent, etc.

Small group discussions:

At the end of practical, half an hour is allocated to design small group discussion of 25 students in which they do case-based learning. The rest of the class is directed to do self-directed learning of the allocated topics.

Self-Directed Learning:

Students take responsibility for their own learning through individual study, sharing and discussing with peers, seeking information from various search engines, teachers, and resource persons within and outside the college.

Students can utilize the time within the college scheduled hours or afterwards for self-study.

PowerPoint presentations by students:

Students are assigned topics during revisions to enhance their communication skills and group learning.

Assignments:

Students are given written formative assignments on different oralpathologies/treatment strategies.

COURSE OUTLINE	
Introduction To Oral Pathology	Understand the definition of Oral Pathology, its significance and scope Understand the basics of History, examination and Investigations
Dental Caries	Etiology of DentalCaries Classificationof dentalcaries Pathologyand HistopathogenesisofdentalCaries Diagnosis and treatment of Dental Caries
Diseases of Pulp	Pulpitis Spreadof infections
Developmental Disorders of Teeth	Disturbancein number and size of teeth Disturbancein form and structure of teeth
Cyst Of The Jaw	Discuss the origin of Odontogenic and non-odontogenic cyst of the jaws.



	Odontogenic cyst Non odontogenic cyst Nonepithelial/pseudocyst
White And Coloured Lesion	Classification of white lesion. Hereditary white lesions Reactive white lesions Paraneoplastic and neoplastic White lesion. Vascular lesions Reactive lesion
Odontogenic Tumor	Odontomas and odontogenic tumor Non-odontogenic tumor
Squamous cell carcinoma and Epithelial tumor	Squamous cell carcinoma Basal cell carcinoma
Salivary Glands Diseases	Reactive lesion of salivary glands. Bacterial and Viral Infections of Salivary Glands Salivary gland tumors
Metabolic And Genetic Diseases	Inherited and developmental disorder of bone. Fibro-osseous lesion Metabolic and endocrine disorder of bone. Central giant cell granuloma Tumors of bone
Temporomandibular joint disease	Developmental disorder Inflammatory disorder Osteoarthritis Functional disorder
Specific and non-Specific infections	Tuberculosis and Syphilis, Actinomycosis and Pericoronitis
Verrucal papillary diseases	Benign lesions associated with Human Papilloma Virus
Syndromes affecting oral and Maxillofacial region	An Overview of Syndromes Affecting Oral and Maxillofacial Region
Assessment Plan	
Internal Assessment	Internal assessment will be according to institution policy Internal Evaluation carries 20% weightage in summative examination.
Annual Examination	Theory: Annual exam will be consisting of MCQs (one best answer) and EMQs Practical: OSPE (observed and unobserved stations) + Viva + Practical