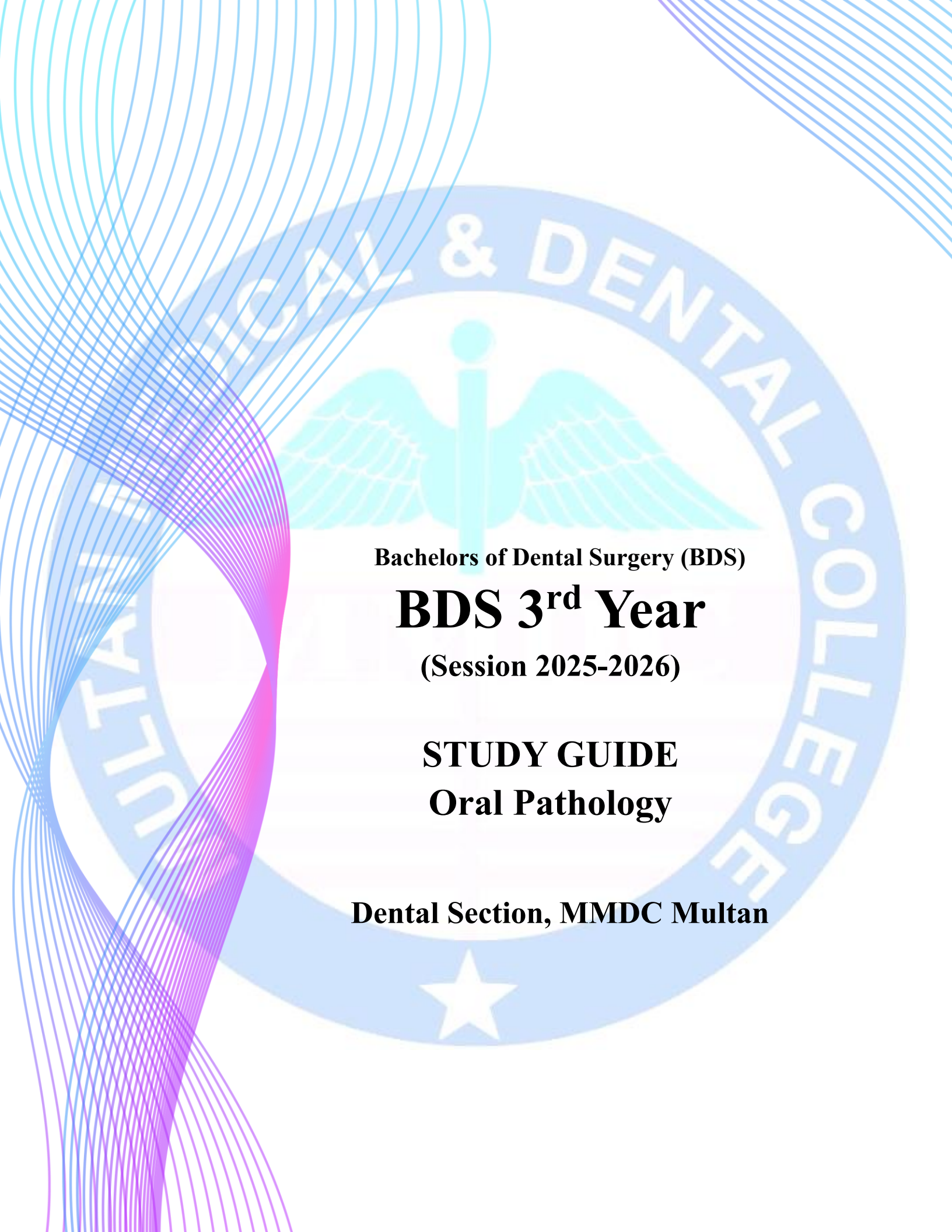




Bachelors of Dental Surgery (BDS)

BDS 3rd Year

(Session 2025-2026)

STUDY GUIDE

Oral Pathology

Dental Section, MMDC Multan



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MISSION AND VISION OF UHS

Vision Statement:

UHS is a leading university aiming to keep its graduates apt with the ever-emerging global health challenges, evolving educational methodologies and emerging technological advancements to maintain its distinguishable position as a medical university.

Mission Statement:

UHS shall continue to strive for producing a human resource par at excellence to cater for the health needs of the people of Punjab and Pakistan.

MISSION AND VISION OF MMDC

(Dental Section) MMDC Vision

To be a leading dental institution in South Punjab, recognized for excellence in education, research, and healthcare services, while developing competent and compassionate healthcare professionals and addressing health disparities through research and community-focused initiatives.

(Dental Section) MMDC Mission

To produce professionally competent and ethical dental graduates equipped with knowledge, clinical skills and technological competence to address emerging global health challenges through research, innovative educational approaches and lifelong learning.



PROGRAM OUTCOME

The students of Bachelor of Dental Surgery (BDS) of MMDC at the end of the program will be able to:

- Dental Graduates will apply the knowledge, skills and technological competencies to practice dentistry in primary care setting and provide comprehensive patient care.
- The graduates will promote dental health care within the community, utilizing the latest research, critical thinking and making evidence informed decisions and apply relevant evidence to address emerging oral and global health challenges.
- Dental graduates will uphold professional values and demonstrate emotional intelligence, social responsibility, and engage in lifelong learning, leadership, and innovation.



LIST OF ABBREVIATION

Abbreviation	Full Form
BDS	Bachelor of Dental Surgery
UHS	University of Health Sciences
MMDC	Multan Medical & Dental College
MIT	Mode of Information Transfer
AT	Assessment Tool
T&L	Teaching and Learning
RAS	Recurrent Aphthous Stomatitis
TMJ	Temporomandibular Joint
TMD	Temporomandibular Disorders
TMPDS	Temporomandibular Pain-Dysfunction Syndrome
OSCE	Objective Structured Clinical Examination
OSPE	Objective Structured Practical Examination
LGIS	Large Group Interactive Session
OMFS	Oral and Maxillofacial Surgery



INTRODUCTION TO STUDY GUIDE – ORAL PATHOLOGY

- Introduction to Oral Pathology is an essential subject in the BDS 3rd Year curriculum that deals with diseases affecting the oral and maxillofacial region.
- **It provides an understanding of the** causes, mechanisms, clinical features, microscopic changes, diagnosis, and progression **of oral diseases.**
- **The subject serves as a bridge between** basic medical sciences and clinical dental practice.
- **Students learn to correlate** pathological changes with clinical signs and symptoms **to support accurate diagnosis.**
- **Major areas include** developmental anomalies, inflammatory and infectious diseases, cysts, tumors, immune-mediated disorders, and other oral pathological conditions.
- **Emphasis is placed on understanding the** clinical and histopathological features **of various diseases.**
- **The subject develops students' ability to recognize and interpret** normal and abnormal oral tissues.
- **The knowledge gained in Oral Pathology provides a foundation for** clinical diagnosis, treatment planning, and patient management.
- **The curriculum promotes** integration of theoretical knowledge with clinical applications.
- **By the end of the course, students should be able to apply their knowledge of oral diseases** to clinical decision-making and further dental studies.

ACADEMIC SCHEDULE OF BDS 3RD YEAR

Class Commencement	27 April 2026
1 st Term Examination	31 August – 11 September
2 nd Term Examination	6 November – 14 November
Sendup	26 February 2027



TIME TABLE



DENTAL SECTION, MULTAN MEDICAL & DENTAL COLLEGE, MULTAN

Time Table For 3rd Year BDS (Session 2026)

Day / Time	08:30-09:30	09:30-10:20	10:20-11:10	11:10-12:00	12:00-12:50	12:50-01:20	01:20-02:10	02:10-03:00
Monday	Test	Test	Interactive Lecture Surgery/ CBL Surgery	Clinical	Clinical	Lunch & Namaz Break	Interactive Lecture Oral Pathology	Practical Oral Pathology
Tuesday	Interactive Lecture Medicine	Interactive Lecture Oral Pathology	Clinical	Clinical	Clinical	Lunch & Namaz Break	Interactive Lecture Surgery	Interactive Lecture Oral Medicine
Wednesday	Interactive Lecture Surgery	Interactive Lecture Medicine / CBL Medicine	Clinical	Clinical	Pre-Clinical Operative Dentistry / Oral Surgery	Lunch & Namaz Break	Interactive Lecture Periodontology	Interactive Lecture Oral Pathology
Thursday	Interactive Lecture Periodontology / CBL Periodontology	Interactive Lecture Medicine	Clinical	Clinical	Pre-Clinical Operative Dentistry / Prosthodontics	Lunch & Namaz Break	Interactive Lecture Oral Medicine	Interactive Lecture Research
Friday	Test	Interactive Lecture Oral Pathology	Clinical	Clinical	Pre-Clinical Operative Dentistry	Lunch & Namaz Break	Interactive Lecture ICT	Interactive Lecture Behavioral Sciences



COURSE SEQUENCE - ORAL PATHOLOGY

Day	Date	Time	Academic Activity	Learning Objectives	Facilitator Name
Monday	27/4/2026	01:20-02:10	Lecture Oral Pathology	introduction to cysts	Dr Basil Khalid
Monday	27/4/2026	02:10-03:00	Practical Oral Pathology	introduction to cysts/ Assignments	Dr Basil Khalid
Tuesday	28/4/2026	09:30-10:20	Lecture Oral Pathology	Non odontogenic cysts	Dr Basil Khalid
Wednesday	29/4/2026	02:10-03:00	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
1ST MAY Labour Day					
Monday	4/5/2026	08:30-09:30	Test Oral Pathology		
Monday	4/5/2026	09:30-10:20	Test Oral Pathology		
Monday	4/5/2026	01:20-02:10	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Monday	4/5/2026	02:10-03:00	Practical Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Tuesday	5/5/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic cysts	Dr Basil Khalid
Wednesday	6/5/2026	02:10-03:00	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Friday	8/5/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic cysts	Dr Basil Khalid
Monday	11/5/2026	01:20-02:10	Lecture Oral Pathology	Developmental disturbances of	Dr Rohana Rehman



				oral & paraloral region	
Monday	11/5/2026	02:10-03:00	Practical Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Tuesday	12/5/2026	09:30-10:20	Lecture Oral Pathology	odontogenic cysts	Dr Basil Khalid
Wednesday	13/5/2026	02:10-03:00	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Friday	15/5/2026	09:30-10:20	Lecture Oral Pathology	odontogenic cysts	Dr Basil Khalid
Monday	18/5/2026	01:20-02:10	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Monday	18/5/2026	02:10-03:00	Practical Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Tuesday	19/5/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic Tumors	Dr Basil Khalid
Wednesday	20/5/2026	02:10-03:00	Lecture Oral Pathology	Developmental disturbances of oral & paraloral region	Dr Rohana Rehman
Friday	22/5/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
25th May-29th May 2026 Eid ul Azha Holidays					
Monday	1/6/2026	08:30-09:30	Test Oral Pathology		
Monday	1/6/2026	09:30-10:20	Test Oral Pathology		
Monday	1/6/2026	01:20-02:10	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Monday	1/6/2026	02:10-03:00	Practical Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Tuesday	2/6/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic Tumors	Dr Basil Khalid



Wednesday	3/6/2026	02:10-03:00	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Friday	5/6/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic Tumors	Dr Basil Khalid
Monday	8/6/2026	01:20-02:10	Lecture Oral Pathology	infections of teeth & bone	Dr rohana Rehman
Monday	8/6/2026	02:10-03:00	Practical Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Tuesday	9/6/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
Wednesday	10/6/2026	02:10-03:00	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Friday	12/6/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
15th June -12july 2026 Summer Vacations					
Monday	13/7/2026	08:30-09:30	Test Oral Pathology		
Monday	13/7/2026	09:30-10:20	Test Oral Pathology		
Monday	13/7/2026	01:20-02:10	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Monday	13/7/2026	02:10-03:00	Practical Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Tuesday	14/7/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic Tumors	Dr Basil Khalid
Wednesday	15/7/2026	02:10-03:00	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Friday	17.7/2026	09:30-10:20	Lecture Oral Pathology	Odontogenic Tumors	Dr Basil Khalid
Monday	20/7/2026	01:20-02:10	Lecture Oral Pathology	infections of teeth & bone	Dr rohana Rehman
Monday	20/7/2026	02:10-03:00	Practical Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Tuesday	21/7/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
Wednesday	22/7/2026	02:10-03:00	Lecture Oral Pathology	Infections of teeth & bone	Dr Rohana Rehman
Friday	24/7/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
Monday	27/7/2026	01:20-02:10	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid



Monday	27/7/2026	02:10-03:00	Practical Oral Pathology	Bone Pathology	Dr Basil Khalid
Tuesday	28/7/2026	09:30-10:20	Lecture Oral Pathology	odontogenic tumors	Dr Basil Khalid
Wednesday	29/7/2026	02:10-03:00	Lecture Oral Pathology	Oral Infections	Dr Rohana Rehman
Friday	31/7/2026	8:30-09:30	Test Oral Pathology		
Friday	31/7/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid
Monday	3/8/2026	01:20-02:10	Lecture Oral Pathology	Oral Infections	Dr Rohana Rehman
Monday	3/8/2026	02:10-03:00	Practical Oral Pathology	Oral Infections	Dr Rohana Rehman
Tuesday	4/8/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid
Wednesday	5/8/2026	02:10-03:00	Lecture Oral Pathology	Oral Infections	Dr Rohana Rehman
Friday	7/8/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid
Monday	10/8/2026	09:30-10:20	Test Oral Pathology		
Monday	10/8/2026	01:20-02:10	Lecture Oral Pathology	Oral Infections	Dr rohana Rehman
Monday	10/8/2026	02:10-03:00	Practical Oral Pathology	Oral Infections	Dr rohana Rehman
Tuesday	11/8/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid
Wednesday	12/8/2026	02:10-03:00	Lecture Oral Pathology	Oral Infections	Dr rohana Rehman
Friday 14th August 2026					
Monday	17/8/2026	01:20-02:10	Lecture Oral Pathology	Salivary Gland Disorders	Dr Rohana Rehman
Monday	17/8/2026	02:10-03:00	Practical Oral Pathology	Salivary Gland Disorders	Dr Rohana Rehman
Tuesday	18/8/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid
Wednesday	19/8/2026	02:10-03:00	Lecture Oral Pathology	Salivary Gland Disorders	Dr Rohana Rehman
Friday	21/8/2026	09:30-10:20	Lecture Oral Pathology	Bone Pathology	Dr Basil Khalid



Monday	24/8/2026	09:30-10:20	Test Oral Pathology		
Monday	24/8/2026	01:20-02:10	Lecture Oral Pathology	Salivary Gland Disorders, Immune Mediated Disorders	Dr rohana Rehman
Monday	24/8/2026	02:10-03:00	Practical Oral Pathology	Salivary Gland Disorders	Dr rohana Rehman
Tuesday	25/8/2026	09:30-10:20	Lecture Oral Pathology	Salivary Gland Disorders	Dr rohana Rehman
Wednesday 26th August 2026 Eid Milad un Nabi					
Friday	28/8/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil khalid
1st Term Exam 31st August 2026 to 11th September 2026					
Monday	7/9/2026	09:00-12:00	Oral Pathology	All the covered topics till 1st term	
Monday	14/9/2026	01:20-02:10	Lecture Oral Pathology	Physical & chemical injuries	Dr Rohana Rehman
Monday	14/9/2026	02:10-03:00	Practical Oral Pathology	Physical & chemical injuries	Dr Rohana Rehman
Tuesday	15/9/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Wednesday	16/9/2026	02:10-03:00	Lecture Oral Pathology	Physical & chemical injuries	Dr Rohana Rehman
Friday	18/9/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Monday	21/9/2026	09:30-10:20	Test Oral Pathology		
Monday	21/9/2026	01:20-02:10	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Monday	21/9/2026	02:10-03:00	Practical Oral Pathology	Physical & chemical injuries	Dr rohana Rehman



Tuesday	22/9/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Wednesday	23/9/2026	02:10-03:00	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Friday	25/9/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil khalid
Monday	28/9/2026	01:20-02:10	Lecture Oral Pathology	Connective tissue disorders	Dr Rohana Rehman
Monday	28/9/2026	02:10-03:00	Practical Oral Pathology	Connective tissue disorders	Dr Rohana Rehman
Tuesday	29/9/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Wednesday	30/9/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr Rohana Rehman
Friday	2/10/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Monday	5/10/2026	8:30-09:30	Test Oral Pathology		
Monday	5/10/2026	1:20 - 2:10	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Monday	5/10/2026	02:10-03:00	Practical Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Tuesday	6/10/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Wednesday	7/10/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	9/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil khalid
Monday	12/10/2026	09:30-10:20	Test Oral Pathology		
Monday	12/10/2026	01:20-02:10	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid



Monday	12/10/2026	02:10-03:00	Practical Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Tuesday	13/10/2026	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Wednesday	14/10/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	16/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil khalid
Monday	19/10/2026	01:20-02:10	Lecture Oral Pathology	Epithelial Pathology	Dr Basil khalid
Monday	19/10/2026	02:10-03:00	Practical Oral Pathology	Epithelial Pathology	Dr Basil khalid
Tuesday	20/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Wednesday	21/10/2026	02:10-03:00	Lecture Oral Pathology	epithelial Pathology	Dr basil Khalid
Friday	23/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Monday	26/10/2026	08:30-09:30	Test Oral Pathology		
Monday	26/10/2026	01:20-02:10	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Monday	26/10/2026	02:10-03:00	Practical Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Tuesday	27/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Wednesday	28/10/2026	02:10-03:00	Lecture Oral Pathology	epithelial Pathology	Dr basil Khalid
Friday	30/10/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil khalid
Monday	2/11/2026	01:20-02:10	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Monday	2/11/2026	02:10-03:00	Practical Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Tuesday	3/11/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil Khalid
Wednesday	4/11/2026	02:10-03:00	Lecture Oral Pathology	epithelial Pathology	Dr basil Khalid
6th November 2026 to 14th November 2026 2nd Term Exam					



Saturday	14/11/2026	09:00-12:00	Oral Pathology	all the covered topics till 2nd term	
Monday	16/11/2026	01:20-02:10	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Monday	16/11/2026	02:10-03:00	Practical Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Tuesday	17/11/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	Dr Basil khalid
Wednesday	18/11/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	20/11/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	Dr Basil Khalid
Monday	23/11/2026	01:20-02:10	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Monday	23/11/2026	02:10-03:00	Practical Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Tuesday	24/11/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	Dr Basil Khalid
Wednesday	25/11/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	27/11/2026	8:30-09:30	Test Oral Pathology		
Friday	27/11/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	Dr Basil khalid
Monday	30/11/2026	01:20-02:10	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Monday	30/11/2026	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	1/12/2026	09:30-10:20	Lecture Oral Pathology	diseases of blood	dr basil khalid
Wednesday	2/12/2026	02:10-03:00	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Friday	4/12/2026	09:30-10:20	Lecture Oral Pathology	Physical & chemical injuries	Dr Basil Khalid
Monday	7/12/2026	01:20-02:10	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman



Monday	7/12/2026	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	8/12/2026	09:30-10:20	Lecture Oral Pathology	Physical & chemical injuries	Dr Basil Khalid
Wednesday	9/12/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	11/12/2026	09:30-10:20	Lecture Oral Pathology	Connective tissue disorders	Dr Basil khalid
Monday	14/12/2026	09:30-10:20	Test Oral Pathology		
Monday	14/12/2026	01:20-02:10	Lecture Oral Pathology	Connective tissue disorders	dr rohana Rehman
Monday	14/12/2026	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	15/12/2026	09:30-10:20	Lecture Oral Pathology	Connective tissue disorders	dr basil khalid
Wednesday	16/12/2026	02:10-03:00	Lecture Oral Pathology	Connective tissue disorders	Dr rohana Rehman
Friday	18/12/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	dr basil khalid
Monday	21/12/2026	01:20-02:10	Lecture Oral Pathology	Diseases of blood	dr rohana Rehman
Monday	21/12/2026	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	22/12/2026	09:30-10:20	Lecture Oral Pathology	Diseases of blood	dr basil khalid
Wednesday	23/12/2026	02:10-03:00	Lecture Oral Pathology	Diseases of blood	Dr rohana Rehman
Friday 25th December 2026 Quaid-e-Azam Day					
Monday	28/12/2026	01:20-02:10	Lecture Oral Pathology	Epithelial Pathology	dr rohana Rehman
Monday	28/12/2026	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	29/12/2026	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	dr basil khalid
Wednesday	30/12/2026	02:10-03:00	Lecture Oral Pathology	Epithelial Pathology	Dr rohana Rehman
Friday	1/1/2027	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	dr basil khalid
Monday	4/1/2027	09:30-10:20	Test Oral Pathology		



Monday	4/1/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Monday	11/1/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Monday	18/1/2027	08:30-09:30	Test Oral Pathology		
Monday	18/1/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Monday	25/1/2027	08:30-09:30	Test Oral Pathology		
Monday	25/1/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	26/1/2027	09:30-10:20	Lecture Oral Pathology	Connective tissue disorders	dr rohana Rehman
Thursday	28/1/2027	12:00-12:50	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Friday	29/1/2027	09:30-10:20	Lecture Oral Pathology	Immune mediated disorders	Dr Basil Khalid
Monday	1/2/2027	08:30-09:30	Test Oral Pathology		
Monday	1/2/2027	01:20-02:10	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Monday	1/2/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	2/2/2027	09:30-10:20	Lecture Oral Pathology	Epithelial Pathology	Dr Basil khalid
Thursday	4/2/2027	12:00-12:50	Lecture Oral Pathology	Diseases of blood	dr basil khalid
Friday	5/2/2027	09:30-10:20	Lecture Oral Pathology	Physical & chemical injuries	Dr Basil Khalid
Monday	8/2/2027	08:30-09:30	Test Oral Pathology		
Monday	8/2/2027	01:20-02:10	Lecture Oral Pathology	Connective tissue disorders	dr rohana Rehman
Monday	8/2/2027	02:10-03:00	Practical Oral Pathology	revision class	Dr rohana Rehman
Tuesday	9/2/2027	09:30-10:20	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Thursday	11/2/2027	12:00-12:50	Lecture Oral Pathology	Physical & chemical injuries	Dr rohana Rehman
Friday	12/2/2027	09:30-10:20	Lecture Oral Pathology	Diseases of blood	dr basil khalid





Dental Section, Multan Medical & Dental College, Multan



Sendup Preparatory Leaves 13th Feb 27 to 21th Feb 2027

Friday	26/2/2027	09:00-12:00	Oral Pathology Written	All syllabus
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FACILITATORS (ORAL PATHOLOGY)

Sr. #	Name	Designation	Department
1	Dr. Basil Khalid	Professor	Oral Pathology
2	Dr. Rohana Rehman	Assistant Professor	Oral Pathology
3	Dr. Ifrah Zafar	Assistant Professor	Oral Pathology
4	Dr. Gulnaz	Demonstrator	Oral Pathology



**ORAL PATHOLOGY & ORAL MICROBIOLOGY
COURSE LEARNING OBJECTIVES**

Third Professional BDS (based on UHS Revised Curriculum of BDS - 2003)

Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
1	Development & Distribution of Oral and Para-oral Structures Tongue, lips, oral mucosa, gingiva, salivary glands, jaws	Describe developmental anomalies of the tongue (macroglossia, microglossia, ankyloglossia, fissured tongue, benign migratory glossitis, black hairy tongue, lingual thyroid, lingual varicosities). ORAL PATHOLOGY & ORAL MICROBIOLOGY COURSE LEARNING OBJECTIVES	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		Describe developmental anomalies of the lips (commissural and paramedian lip pits, fissures, double lip, cleft lip). Describe developmental conditions of oral mucosa (Fordyce's granules, genodermatoses, leukoedema) and gingiva (fibromatosis gingivae). Describe developmental anomalies of salivary glands (aplasia, duct atresia, ectopic glands, developmental cysts) and jaws (condylar hyperplasia, coronoid hyperplasia, condylar duct hemihyperplasia, progressive hemifacial atrophy, Crouzon's syndrome, Apert's syndrome, mandibulofacial dysostosis). Identify and classify developmental cysts of the region (palatal cyst of the newborn, nasolabial, globulomaxillary, nasopalatine duct, median palatal, epidermoid and dermoid, thyroglossal tract, branchial, lymphoepithelial cyst).		
2	Developmental Disturbances of Teeth	Classify disturbances in size (micro- and macrodontia) and shape of teeth (gemination, fusion, concrescence, dilaceration, Talon's cusp, dens in dente, taurodontism).	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		Classify disturbances in number of teeth (anodontia, hypodontia, supernumerary and predeciduous teeth). Describe disturbances in structure of teeth including amelogenesis imperfecta, enamel hypoplasia due to systemic disturbance, enamel hypocalcification and hypomaturational, dentinogenesis imperfecta, dentinal dysplasias, odontodysplasia, and ankylosis of teeth.		
3	Epithelial Pathology	Describe the clinical and histopathological features of benign epithelial tumours (papilloma, keratoacanthoma, Heck's disease, verruciform xanthoma). Describe pigmented lesions of the oral cavity (cellular nevus, oral melanotic macule, melanocanthoma, acquired melanocytic nevus). Identify premalignant lesions and conditions of the oral cavity (leukoplakia, erythroplakia, oral submucous fibrosis, nicotinic stomatitis, actinic keratosis, actinic cheilosis, tobacco pouch keratosis, Plummer-Vinson syndrome).	Interactive lecture / seminar	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		Describe the epidemiology, clinical presentation, diagnosis and management of epithelial malignancies (oral squamous cell carcinoma, verrucous carcinoma, spindle cell carcinoma, basal cell carcinoma, melanoma).		
4	Soft Tissue Pathology	Describe the clinical and histopathological features of reactive/hyperplastic soft-tissue lesions (fibroma, giant cell fibroma, epulis fissuratum, inflammatory papillary hyperplasia, fibrous histiocytoma, fibromatosis, pyogenic granuloma). Describe vascular and neural lesions (lipoma, hemangiomas, Rendu-Osler-Weber syndrome, Sturge-Weber disease, angiofibromas, lymphangiomas, traumatic neuroma, neurofibroma, neurofibromatosis, schwannoma, multiple endocrine neoplasia syndromes). Classify soft-tissue sarcomas of the oral and maxillofacial region (fibrosarcoma, liposarcoma, malignant fibrous histiocytoma, neurofibrosarcoma, Kaposi's sarcoma, angiosarcoma, leiomyosarcoma, rhabdomyosarcoma, synovial sarcoma, alveolar soft part	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		sarcoma, metastatic soft-tissue sarcomas) and outline their diagnosis and management.		
5	Bone Pathology	Describe developmental and metabolic bone disorders (osteogenesis imperfecta, osteopetrosis, cleidocranial dysplasia, focal osteoporotic bone marrow defect, idiopathic osteosclerosis, massive osteolysis, Paget's disease of bone, Langerhans cell disease). Classify giant cell lesions, fibro-osseous lesions and granulomatous lesions of the jaws. Describe the clinical presentation, diagnosis and management of benign and malignant bone/cartilage tumours (osteoma, Gardner syndrome, osteoid osteoma, osteoblastoma, chondroma, chondromyxoid fibroma, bony hemangioma, osteosarcoma, fibrosarcoma, chondrosarcoma, Ewing's sarcoma, metastatic tumours of the jaws).	Interactive lecture	MCQs
6	Salivary Gland Pathology	Describe sialadenitis, sialolithiasis, sialosis, sialorrhea and xerostomia — their aetiology, clinical features and management.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		Describe benign lymphoepithelial lesion, Sjögren's syndrome and cystic lesions of salivary glands (mucocele, ranula, sialocyst). Apply the WHO classification of salivary gland tumours to describe the epidemiology, distribution, clinical presentation, diagnosis and treatment of benign tumours (pleomorphic adenoma, papillary cystadenoma lymphomatosum, oncocytoma) and malignant tumours (adenoid cystic carcinoma, mucoepidermoid tumour/carcinoma, adenocarcinoma, carcinoma ex pleomorphic adenoma).		
7	Cysts of Odontogenic Origin	Describe the pathogenesis, clinical signs and symptoms of jaw cysts, and the diagnostic modalities used (radiography, aspiration, biochemistry, culture & sensitivity, biopsy). Apply the WHO classification to differentiate dentigerous cyst, eruption cyst, gingival cyst, primordial cyst/odontogenic keratocyst (Gorlin-Goltz syndrome), radicular cyst, lateral	Interactive lecture / seminar	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		periodontal cyst and calcifying odontogenic cyst. Recognise the potential for carcinoma arising in odontogenic cysts.		
8	Tumors of Odontogenic Origin	Apply the WHO classification of odontogenic tumours to describe ameloblastoma, squamous odontogenic tumour, calcifying epithelial odontogenic tumour (Pindborg tumour), ameloblastic fibroma, ameloblastic fibro-dentinoma and fibro-odontoma, odonto-ameloblastoma, adenomatoid odontogenic tumour, calcifying odontogenic cyst, odontomes, odontogenic fibroma, myxoma and cementoblastoma. Recognise malignant ameloblastoma, primary intra-osseous carcinoma, malignant variants of odontogenic epithelial tumours, and malignant change in odontogenic cysts.	Interactive lecture / seminar	MCQs
9	Infections of the Oral Cavity	Describe the clinical presentation, diagnosis and management of oral diseases of bacterial origin (impetigo, erysipelas, streptococcal infections, scarlet fever, diphtheria, syphilis,	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	Bacterial, viral, fungal and protozoal origin	tuberculosis, gonorrhea, leprosy, noma, actinomycosis, cat-scratch disease) and the sinusitis phenomenon of dental caries. Describe oral diseases of viral origin (herpes group, enteroviruses, rubella, mumps, HIV/AIDS). Describe oral diseases of fungal and protozoal origin (candidiasis, histoplasmosis, mucormycosis, cryptococcosis, aspergillosis, blastomycosis, toxoplasmosis, zygomycosis).		
10	Dental Caries	Explain the disease phenomenon and aetiological factors involved in the production of dental caries and its pathogenesis at the microscopic level. Classify clinical types of carious lesions by site, surface involved and rate of spread (smooth surface, pit and fissure, cervical, rampant, slow-progressive, arrested and secondary caries), and describe methods used in diagnosis. Describe the histopathology of enamel caries — mode of spread, shape of lesions at different sites, zones of the lesion, and pathways of entry into enamel — and	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		differentiate smooth-surface from pit-and-fissure caries. Discuss the advantages of early detection and prevention, including maintenance of oral hygiene, the role of fluoride/fluoridation, and the role of fissure sealants.		
11	Diseases of Pulp and Periapical Tissues	Describe the aetiology, classification, clinical features and histopathological features of pulp disease, including pulp vitality testing and regressive changes. Describe the sequelae of untreated pulpitis, pulpal calcifications, secondary dentin formation and root resorption. Describe the aetiology, clinical and histopathological features of periapical pathosis — acute periapical periodontitis, acute and chronic dentoalveolar abscess, periapical granuloma, radicular cyst and recurrent abscess.	Interactive lecture	MCQs
12	Spread of Oral Infection	Describe the pathogenesis and management of cellulitis and spread of infection through fascial planes. Describe the clinical presentation and management of Ludwig's angina,	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		intracranial complications of dental infection, and osteomyelitis of the jaws.		
13	Physical and Chemical Injuries of the Oral Cavity	Classify physical injuries of oral tissues, including injuries to teeth, bone and soft tissue (cheek biting, lip biting, tongue biting), burns and emphysema. Describe the effects of radiation and chemotherapy on oral and paraoral structures, and systemic metallic intoxication. Recognise smokers' melanosis, oral trauma from sexual practice, anaesthesia necrosis, exfoliative cheilitis, submucosal hemorrhage, amalgam tattoo and other oral pigmentations.	Interactive lecture	MCQs
14	Allergies and Immunological Diseases	Describe the clinical features and management of recurrent aphthous stomatitis and Behçet's syndrome, and of sarcoidosis. Recognise allergic reactions to systemic drugs, allergic contact stomatitis (e.g. from cinnamon flavouring), contact reactions to dental amalgam, and angioedema.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
15	Healing of Oral Wounds	Describe the process of healing of a gingivectomy wound and an extraction wound. Describe fracture and bone healing, and factors that affect wound healing.	Interactive lecture	MCQs
16	Diseases of Blood and Blood-Forming Organs	Describe the oral manifestations, diagnosis and management principles of lymphoid hyperplasia, anemia, polycythemia, hemophilia, leukemia, thrombocytopenia, lymphomas, multiple myeloma and plasmacytoma.	Interactive lecture	MCQs
17	Oral Aspects of Metabolic Disease	Describe the oral manifestations of mucopolysaccharidoses, amyloidosis, jaundice, hepatitis, and vitamin and iron deficiency. Describe the oral manifestations of disorders of the pituitary, thyroid, parathyroid, adrenal and islets of Langerhans, and of disorders of calcium and phosphate metabolism (including uremic stomatitis). Correlate disorders of other organ systems with their oral manifestations.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
18	Diseases of Skin with Oral Manifestations	Describe the oral and cutaneous features of ectodermal dysplasia, white sponge nevus, hereditary benign intraepithelial dyskeratosis, pachyonychia congenita, dyskeratosis congenita, xeroderma pigmentosum, incontinentia pigmenti, Darier's disease, Peutz-Jeghers syndrome, hereditary hemorrhagic telangiectasia, Ehlers-Danlos syndrome, tuberous sclerosis and epidermolysis bullosa. Describe the clinical and histopathological features, diagnosis and management of pemphigus, bullous and mucous membrane pemphigoid, linear IgA disease and dermatitis herpetiformis. Describe the clinical features and management of erythema multiforme, lichen planus, Reiter's syndrome, graft-versus-host disease, psoriasis, systemic sclerosis, acanthosis nigricans and lupus erythematosus.	Interactive lecture	MCQs
19	Facial and Neuromuscular Pathology	Describe the clinical features, diagnosis and management of facial palsy, including Bell's palsy. Describe the clinical features and management of facial pain (trigeminal	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		neuralgia, glossopharyngeal neuralgia, atypical facial pain, neuralgia-inducing cavitation osteonecrosis, cluster headache, migraine, temporal arteritis, myasthenia gravis, motor neuron disease, glossopyrosis, dysgeusia) and Frey's syndrome. Describe the aetiology, clinical features and management of temporomandibular joint diseases (osteoarthritis, rheumatoid arthritis, temporomandibular joint dysfunction syndrome, ankylosis of the TMJ).		
20	Forensic Odontology	Describe the principles of dental record management and their role in forensic identification. Describe methods of identification using dental evidence, including bite pattern evidence. Recognise signs of child abuse and describe the dentist's role in identification and reporting.	Interactive lecture / seminar	MCQs
21	Practical / Laboratory Session	Demonstrate the steps involved in processing a tissue specimen for histopathological examination — fixation, grossing, decalcification (where	Practical / Laboratory	OSPE



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	Histopathological slide preparation	indicated), tissue processing, embedding and sectioning. Prepare a histopathological slide correctly, including routine haematoxylin and eosin (H&E) staining and mounting. Recognise common technical/staining artefacts and describe how they may be avoided or corrected.		
22	Practical / Laboratory Session Microscopic interpretation of oral lesions	Identify normal oral mucosal and dental hard-tissue histology on a prepared slide. Interpret histopathological slides of common oral pathology entities studied (e.g. dental caries, pulpitis, periapical lesions, odontogenic cysts and tumours, premalignant and malignant epithelial lesions, reactive/hyperplastic soft-tissue lesions) and correlate microscopic features with the clinical diagnosis. Compile a laboratory record/log of slides examined, including a labelled diagram or description and diagnosis for each.	Practical / Laboratory	OSPE
23	Practical / Laboratory Session	Correlate gross/museum specimens of oral and maxillofacial lesions with their corresponding histopathological features.	Practical / Laboratory	OSPE



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	Museum specimens and case-based microscopy	Apply a systematic approach (architecture, cell morphology, stroma) to describe an unknown histopathological slide and arrive at a differential diagnosis.		





Instructural Strategies

Delivery of a curriculum also needs a diversity of educational vernacular for the different learning styles. Following are a few of the recommended instructional strategies. It is advised that at least **three different methods of instruction** should be adopted in the institutional planning. This will enable the diversity of learning patterns to be facilitated.

Large Group Interactive Session (LGIS)

Lecture format is the most widely used approach to teaching especially in a large class size with average attention span of 20-30 mins. Interactive lecturing involves a two-way interaction between the presenter and the participants. Interactive methods like brainstorming, buzz group, simulation, role play, and clinical cases can be used.

- **Significance of its usage**
- Relaxed environment, diverse opinions, active involvement
- Increase attention and motivation.
- Independence and group skills.
- Cost effective.
- Suitable for taking advantage of available audiovisual technologies.

Laboratory Practical

Lab practical involve things like identifying a structure, a type of stain through a microscope, a problem with a preparation, reading biochemical test results and answering safety questions. These simulations allow students to attempt the experiments in the laboratory in a risk-free way that provides the opportunity to make mistakes and learn how to correct them using the immediate feedback generated.

- **Significance of its usage**
- Enhance mastery of subject matter.
- Develop scientific reasoning.
- Develop practical skills.
- Develop teamwork abilities.



Case Based Learning

Case-Based Learning (CBL) is a teaching-learning strategy in which students are presented with a clinical case related to Oral Medicine. Students analyze the case, identify clinical findings, formulate differential diagnoses, and discuss appropriate management under the guidance of the teacher.

- Significance of its usage
- Correlates theoretical knowledge with clinical practice.
- Develops clinical reasoning and diagnostic skills.
- Enhances interpretation of oral signs and symptoms.
- Promotes active participation and discussion.
- Develops problem-solving and decision-making skills.





Assessment Strategies

The assessment and evaluation of the students shall be carried out according to the following criteria:

1. INTERNAL ASSESSMENT

Internal Assessment will have a weight age 10 Percent which is **20 marks** in annual examination and the student will be evaluated internally by:

Weekly Assessment will be conducted regularly, consisting of multiple-choice questions (MCQs) and short essay questions (SEQs)

- i. Teaching assignments.
- ii. Maintenance of Logbooks of Clinical Rotation
- iii. Class participation during lectures and demonstrations
- iv. Attitude and behavior of student throughout academic year
- v. Term Examination
- vi. Participation in Research.
- vii. Sendup Examination

2. Class Tests

- a. Class Test will be conducted after completion of every chapter. Assessment tools will be MCQs, OSPE, OSVE and OSCE

3. Final Send-Up Examination

Final Send up Examination will be held at the end of completion of all three terms for complete evaluation before appearance in UHS examination and will be conducted as per Examination Paper Format comprising of Written Theory, Viva/ OSPE.

4. POLICY FOR ATTENDANCE

- According to university of health sciences **75% attendance is mandatory** for the eligibility to sit in the UHS annual examination.

NOTE:

In order to be eligible to appear in UHS Examinations it is compulsory for the student to achieve at least:

- **75% attendance in each Term**
- **50% marks in each Term and Final Send Up Examination**



Learning Resources

1. Contemporary Oral and Maxillofacial Pathology, J. Phillip Sapp, Lewis R. Eversole, George P. Wysocki
2. Oral & Maxillofacial Pathology, Neville, Damm, Allen & Bouquet
3. Oral Pathology by Ragezi and Caranza
4. Oral Pathology, J.V. Soams, J.C. Southam
5. A Textbook of Oral Pathology, Shafer, Hine & Levy
6. Clinical Guide of Oral Medicine, P.J. Lamy & MAO Lenix
7. Essential of Oral Pathology and Oral Medicine, R.A. Cawson, E.W. Odel
8. A color atlas of Oral Pathology by Cawson and Scully
9. Oral Pathology by J.W. Emerson
10. Oral Diseases by C Scully and S. Porter

