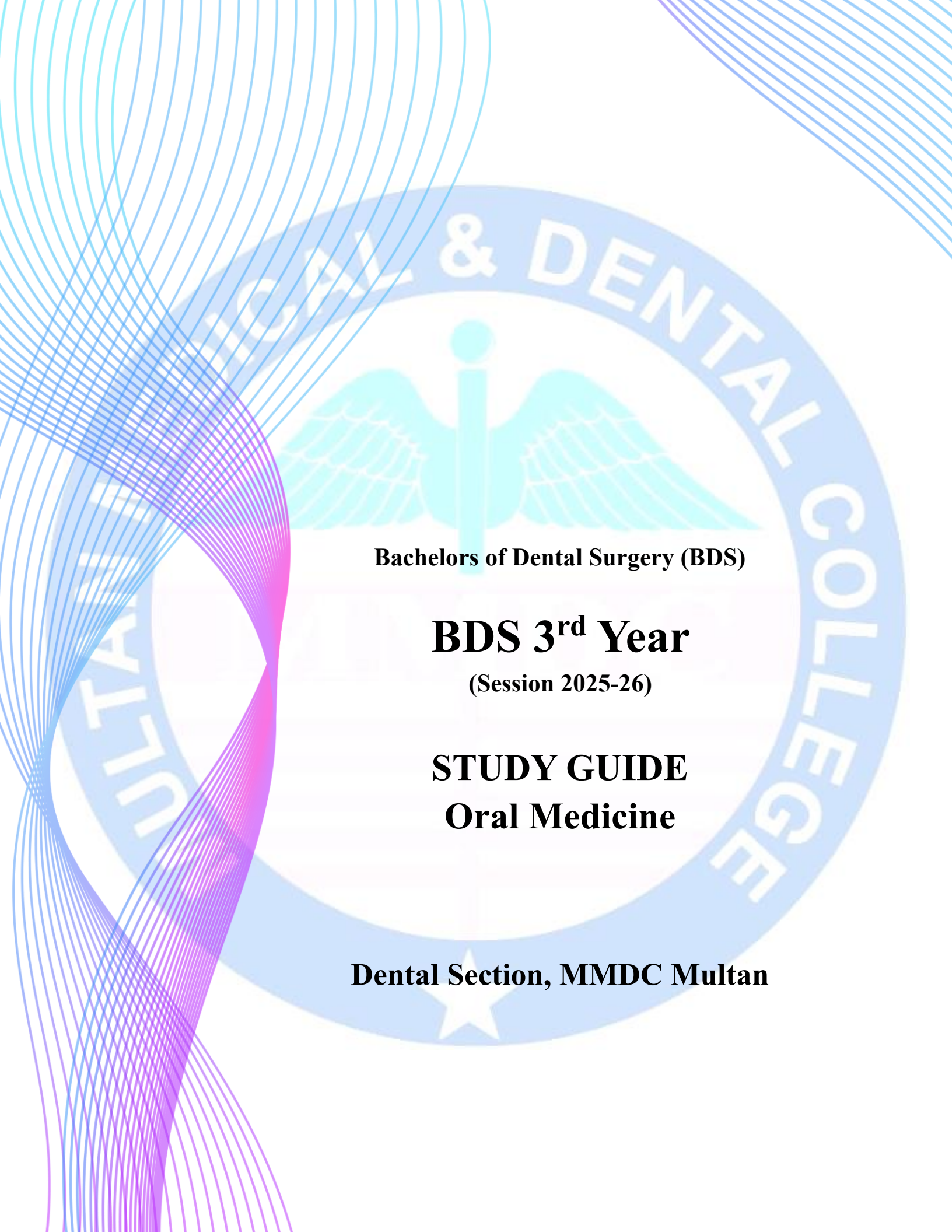




Bachelors of Dental Surgery (BDS)

BDS 3rd Year

(Session 2025-26)

STUDY GUIDE

Oral Medicine

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



RATIONALE – ORAL MEDICINE

- Oral Medicine is an essential component of the BDS 3rd Year curriculum, focusing on the **diagnosis and non-surgical management of diseases and disorders affecting the oral and maxillofacial region.**
- It provides students with an understanding of the **etiology, pathogenesis, clinical features, diagnosis, and management** of common oral diseases.
- The subject emphasizes the relationship between **oral and systemic health**, including oral manifestations of systemic diseases.
- Students learn to assess patients through **history taking, clinical examination, and appropriate investigations** to establish a diagnosis.
- Major areas include **oral mucosal diseases, infections, salivary gland disorders, orofacial pain, potentially malignant disorders, immune-mediated conditions, and systemic diseases with oral manifestations.**
- Emphasis is placed on **clinical diagnosis, differential diagnosis, patient assessment, and appropriate treatment planning.**
- The subject develops students' ability to recognize **normal and abnormal oral findings** and identify conditions requiring further investigation or specialist referral.
- Integration of **clinical knowledge with basic medical sciences** helps students understand the underlying mechanisms of oral diseases.
- The study of Oral Medicine enhances students' **clinical reasoning and decision-making skills.**
- The knowledge gained provides a foundation for **safe, effective, and patient-centered dental practice.**

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
Send-Up	3 March 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 MEDICINE

Day	Date	Time	Academic Activity	Learning Objectives	Facilitator Name
Tuesday	28/4/2026	02:10-03:00	Lecture Oral Medicine	Normal and abnormal oral mucosa	Dr.Faisal Asghar
Thursday	30/4/2026	1:20 - 2:10	Lecture Oral Medicine	Principles of oral medicine + assessment	Dr.Faisal Asghar
1ST MAY Labour Day					
Tuesday	5/5/2026	02:10-03:00	Lecture Oral Medicine	Investigation & Immunological tests	Dr.Faisal Asghar
Thursday	7/5/2026	1:20 - 2:10	Lecture Oral Medicine	Biopsy techniques & Imaging	Dr.Faisal Asghar
Tuesday	12/5/2026	02:10-03:00	Lecture Oral Medicine	Drug Therapy	Dr.Faisal Asghar
Thursday	14/5/2026	1:20 - 2:10	Lecture Oral Medicine	Bacterial Infections	Dr.Faisal Asghar
Friday	15/5/2026	8:30-09:30	Test Oral Medicine		
Tuesday	19/5/2026	02:10-03:00	Lecture Oral Medicine	Viral Infections	Dr.Faisal Asghar
Thursday	21/5/2026	1:20 - 2:10	Lecture Oral Medicine	Fungal Infection	Dr.Faisal Asghar
25th May-29th May 2026 Eid ul Azha Holidays					
Tuesday	2/6/2026	02:10-03:00	Lecture Oral Medicine	Causes of Ulceration+ RAS	Dr.Faisal Asghar
Thursday	4/6/2026	1:20 - 2:10	Lecture Oral Medicine	Management of RAS+ Behcet's disease	Dr.Faisal Asghar
Friday	5/6/2026	8:30-09:30	Test Oral Medicine		
Tuesday	9/6/2026	02:10-03:00	Lecture Oral Medicine	Disorders of lips and tongue	Dr.Faisal Asghar
Thursday	11/6/2026	1:20 - 2:10	Lecture Oral Medicine	Disturbance of taste & Halitosis	Dr.Faisal Asghar
15th June -12 July 2026 Summer Vacations					
Tuesday	14/7/2026	02:10-03:00	Lecture Oral Medicine	Causes of Ulceration+ RAS	Dr.Faisal Asghar
Thursday	16/7/2026	1:20 - 2:10	Lecture Oral Medicine	Management of RAS+ Behcet's disease	Dr.Faisal Asghar



Tuesday	21/7/2026	02:10-03:00	Lecture Oral Medicine	Disorders of lips and tongue	Dr.Faisal Asghar
Thursday	23/7/2026	1:20 - 2:10	Lecture Oral Medicine	Disturbance of taste & Halitosis	Dr.Faisal Asghar
Friday	24/7/2026	8:30-09:30	Test Oral Medicine		
Tuesday	28/7/2026	02:10-03:00	Lecture Oral Medicine	Facial Swelling + Swelling of Neck	Dr.Faisal Asghar
Thursday	30/7/2026	1:20 - 2:10	Lecture Oral Medicine	Examination of Lymph nodes + Cause of cervical lymphadenopathy	Dr.Faisal Asghar
Tuesday	4/8/2026	02:10-03:00	Lecture Oral Medicine	Function of Saliva + Morphology of Normal Salivary glands	Dr.Faisal Asghar
Thursday	6/8/2026	1:20 - 2:10	Lecture Oral Medicine	Assessment of Salivary glands	Dr.Faisal Asghar
Friday	7/8/2026	8:30-09:30	Test Oral Medicine		
Tuesday	11/8/2026	02:10-03:00	Lecture Oral Medicine	Salivary gland disease	Dr.Faisal Asghar
Thursday	13/8/2026	1:20 - 2:10	Lecture Oral Medicine	Sjogren syndrome+criteria	Dr.Faisal Asghar
Friday 14th August 2026					
Tuesday	18/8/2026	02:10-03:00	Lecture Oral Medicine	Inflammatory overgrowths	Dr.Faisal Asghar
Thursday	20/8/2026	1:20 - 2:10	Lecture Oral Medicine	Pigmentation of oral mucosa-1	Dr.Faisal Asghar
Friday	21/8/2026	8:30-09:30	Test Oral Medicine		
Tuesday	25/8/2026	02:10-03:00	Lecture Oral Medicine	Pigmentation of oral mucosa-2	Dr.Faisal Asghar
Wednesday 26th August 2026 Eid Milad un Nabi					
Thursday	27/8/2026	1:20 - 2:10	Lecture Oral Medicine	Precancerous conditions and lesions, Oral carcinoma and Carcinogenesis	Dr.Faisal Asghar
1st Term Exam 31st August 2026 to 11th September 2026					



Friday	11/9/2026	09:00-12:00	Oral Medicine	All the covered topics till 1st term	
Tuesday	15/9/2026	02:10-03:00	Lecture Oral Medicine	Lichen planus & management	Dr.Faisal Asghar
Thursday	17/9/2026	1:20 - 2:10	Lecture Oral Medicine	Immunobullous diseases	Dr.Faisal Asghar
Friday	18/9/2026	8:30-09:30	Test Oral Medicine		
Tuesday	22/9/2026	02:10-03:00	Lecture Oral Medicine	Erythema multiforme+ connective tissue diseases	Dr.Faisal Asghar
Thursday	24/9/2026	1:20 - 2:10	Lecture Oral Medicine	GIT,Coeliac disease + Oral manifestation	Dr.Faisal Asghar
Monday	28/9/2026	09:30-10:20	Test Oral Medicine		
Tuesday	29/9/2026	02:10-03:00	Lecture Oral Medicine	Inflammatory bowel disease	Dr.Faisal Asghar
Thursday	1/10/2026	1:20 - 2:10	Lecture Oral Medicine	MRS + GERD	Dr.Faisal Asghar
Tuesday	6/10/2026	02:10-03:00	Lecture Oral Medicine	Disorders of blood	Dr.Faisal Asghar
Thursday	8/10/2026	1:20 - 2:10	Lecture Oral Medicine	Disorders of endocrine + renal disorders	Dr.Faisal Asghar
Friday	9/10/2026	8:30-09:30	Test Oral Medicine		
Tuesday	13/10/2026	02:10-03:00	Lecture Oral Medicine	Disorders of blood	Dr.Faisal Asghar
Thursday	15/10/2026	1:20 - 2:10	Lecture Oral Medicine	Disorders of endocrine + renal disorders	Dr.Faisal Asghar
Monday	19/10/2026	09:30-10:20	Test Oral Medicine		
Tuesday	20/10/2026	02:10-03:00	Lecture Oral Medicine	Immunodeficiency +Hypersensitivity	Dr.Faisal Asghar
Thursday	22/10/2026	1:20 - 2:10	Lecture Oral Medicine	Facial pain causes +Neuropathic pain	Dr.Faisal Asghar
Tuesday	27/10/2026	02:10-03:00	Lecture Oral Medicine	Headaches (Migraine,Cluster and Tension type	Dr.Faisal Asghar



Thursday	29/10/2026	1:20 - 2:10	Lecture Oral Medicine	Upper and lower Motor neuron lesions	Dr.Faisal Asghar
Friday	30/10/2026	8:30-09:30	Test Oral Medicine		
Tuesday	3/11/2026	02:10-03:00	Lecture Oral Medicine	Headaches (Migraine, Cluster and Tension type)	Dr.Faisal Asghar
Thursday	5/11/2026	1:20 - 2:10	Lecture Oral Medicine	Upper and lower Motor neuron lesions	Dr.Faisal Asghar
6th November 2026 to 14th November 2026 2nd Term Exam					
Friday	6/11/2026	09:00-12:00	Oral Medicine	all the covered topics till 2nd term	
Tuesday	17/11/2026	02:10-03:00	Lecture Oral Medicine	TMJ anatomy + Investigation	Dr.Faisal Asghar
Thursday	19/11/2026	1:20 - 2:10	Lecture Oral Medicine	TMPDS	Dr.Faisal Asghar
Monday	23/11/2026	08:30-09:30	Test Oral Medicine		
Tuesday	24/11/2026	02:10-03:00	Lecture Oral Medicine	TMPDS management	Dr.Faisal Asghar
Thursday	26/11/2026	1:20 - 2:10	Lecture Oral Medicine	Arthritis + masseteric hypertrophy	Dr.Faisal Asghar
Monday	30/11/2026	09:30-10:20	Test Oral Medicine		
Tuesday	1/12/2026	02:10-03:00	Lecture Oral Medicine	Atypical facial pain	Dr.Faisal Asghar
Thursday	3/12/2026	1:20 - 2:10	Lecture Oral Medicine	Atypical odontalgia	Dr.Faisal Asghar
Tuesday	8/12/2026	02:10-03:00	Lecture Oral Medicine	BMS (Burning Mouth Syndrome)	Dr.Faisal Asghar
Thursday	10/12/2026	1:20 - 2:10	Lecture Oral Medicine	Pain in variety of dental conditions	Dr.Faisal Asghar
Friday	11/12/2026	8:30-09:30	Test Oral Medicine		
Tuesday	15/12/2026	02:10-03:00	Lecture Oral Medicine	Disorder of teeth	Dr.Faisal Asghar
Thursday	17/12/2026	1:20 - 2:10	Lecture Oral Medicine	Disorder of bone	Dr.Faisal Asghar
Monday	21/12/2026	09:30-10:20	Test Oral Medicine		



Tuesday	22/12/2026	02:10-03:00	Lecture Oral Medicine	Disorder of teeth	Dr.Faisal Asghar
Thursday	24/12/2026	1:20 - 2:10	Lecture Oral Medicine	Disorder of bone	Dr.Faisal Asghar
Friday 25th December 2026 Quaid-e-Azam Day					
Tuesday	29/12/2026	02:10-03:00	Lecture Oral Medicine	Disorder of teeth	Dr.Faisal Asghar
Thursday	31/12/2026	1:20 - 2:10	Lecture Oral Medicine	Disorder of bone	Dr.Faisal Asghar
Friday	1/1/2026	8:30-09:30	Test Oral Medicine		
Tuesday	5/1/2027	02:10-03:00	Lecture Oral Medicine	Classification & Routes of drug administration	Dr.Faisal Asghar
Thursday	7/1/2027	1:20 - 2:10	Lecture Oral Medicine	Emergency drugs (Indications and mechanism of action)	Dr.Faisal Asghar
Monday	11/1/2027	09:30-10:20	Test Oral Medicine		
Tuesday	12/1/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	14/1/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Tuesday	19/1/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	21/1/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Friday	22/1/2027	8:30-09:30	Test Oral Medicine		
Tuesday	26/1/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	28/1/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Friday	29/1/2027	8:30-09:30	Test Oral Medicine		
Tuesday	2/2/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	4/2/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Friday	5/2/2027	8:30-09:30	Test Oral Medicine		



Tuesday	9/2/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	11/2/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Friday	12/2/2027	8:30-09:30	Test Oral Medicine		
Tuesday	2/2/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	4/2/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Friday	5/2/2027	8:30-09:30	Test Oral Medicine		
Tuesday	9/2/2027	02:10-03:00	Lecture Oral Medicine	Medical Emergencies lec 1	Dr.Faisal Asghar
Thursday	11/2/2027	1:20 - 2:10	Lecture Oral Medicine	Medical Emergencies lec 2	Dr.Faisal Asghar
Sendup Preparatory Leaves 13th Feb 27 to 21th Feb 2027					
Wednesday	3/3/2027	09:00-06:00	Oral Medicine Written	All syllabus	



FACILITATORS (ORAL MEDICINE)

Sr. #	Name	Designation	Department
1	Dr. Faisal Asghar	Assistant Professor	Oral Medicine
2	Dr. Usman Manzoor	Assistant Professor	Oral Medicine
3	Dr. Rabya Rehman	Demonstrator	Oral Medicine
4	Dr. Namra Afzal	Demonstrator	Oral Medicine

ORAL MEDICINE -- COURSE LEARNING OBJECTIVES

Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
1	Oral Mucosa Normal oral mucosa / abnormal oral mucosa	- Describe the relevant basic anatomy, physiology and molecular biology of the oral mucosa. - Apply knowledge of basic sciences when assessing patients.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
2	Principles of Oral Medicine History / clinical examination / assessment	- Elicit, record and interpret a history from patients of any age within the scope of oral medicine. - Identify and record risk factors for the condition. - Describe the spectrum of illness behaviour relevant to oral medicine. - Describe the pathophysiological basis for clinical signs. - Take a thorough and relevant history. - Perform a valid clinical examination targeted to the orofacial tissues. - Respect patients' dignity, cultural background and beliefs. Differentiate between patients with urgent and non-urgent care needs.	Interactive lecture	MCQs
3	Principles of Oral Medicine Investigations (blood examination & clinical chemistry)	Order appropriate investigations, following history-taking and clinical examination, to reach a diagnosis. Interpret basic blood examination and clinical chemistry results relevant to oral medicine.	Interactive lecture	MCQs
4	Therapy Topical, systemic therapy	Undertake safe and effective prescription of drugs.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		- Describe the ways in which choice of therapy is informed by aims of care, mode of action, indications and contraindications, adverse effects, and drug interactions. - Effectively communicate the risks and benefits of pharmacological therapeutic options. - Recognise the benefit of minimising the number of medications taken by a patient. - Appreciate the role of non-medical prescribers. Remain open to advice from other healthcare professionals on medication issues.		
5	Infections Bacterial, fungal, viral	- Diagnose and manage viral, bacterial, fungal and other infections of the oral soft tissues. - Describe the clinical features, investigation and management of infections that are primary or reactivated infections of oral soft tissues. - Describe infections that present with oral soft-tissue manifestations but also involve other parts of the body. - Select and perform appropriate investigations. Recognise limitations of own skills and, where appropriate, liaise with and refer to other healthcare colleagues.	Interactive lecture	MCQs
6	Oral Ulceration Traumatic ulceration	Undertake assessment and management of oral soft-tissue disease.	Interactive Lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		- Describe the clinical features (with reference to epidemiology) and underlying pathophysiology of localised oral soft-tissue disorders. - Describe iatrogenic oral soft-tissue disorders. - Describe diseases with extra-oral manifestations that present with oral soft-tissue disorders. - Select appropriate interventions on the basis of relevant basic sciences. Recognise the importance of basic sciences for understanding health and disease.		
7	Aphthous Ulcers RAS (histopathology, management & systemic conditions), Behçet's disease	- Describe the histopathology, clinical features and management of recurrent aphthous stomatitis (RAS). - Recognise systemic conditions associated with recurrent oral ulceration, including Behçet's disease. Diagnose and appropriately manage patients with RAS and Behçet's disease.	Interactive lecture	MCQs
8	Other Ulcers	Describe the clinical features, differential diagnosis and management of other causes of oral ulceration not covered elsewhere (e.g. drug-induced, neoplastic, infective). Undertake assessment and appropriate referral of patients with atypical or non-healing ulcers.	Interactive lecture	MCQs
9	Diseases of the Lips	Describe the clinical features, diagnosis and management of common diseases affecting the	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		lips (e.g. cheilitis, angular cheilitis, lip swelling). Recognise lip lesions that require further investigation or referral.		
10	Diseases of the Tongue	Describe the clinical features, diagnosis and management of common diseases affecting the tongue. Differentiate normal anatomical variants of the tongue from pathological conditions.	Interactive lecture	MCQs
11	Diseases of the Tongue Disturbance of taste & halitosis	Describe the aetiology, clinical assessment and management of taste disturbance (dysgeusia) and halitosis. Diagnose and manage tongue disorders associated with altered taste and halitosis.	Interactive lecture	MCQs
12	Facial Swelling Face and neck swellings	Describe the differential diagnosis, clinical assessment and management of facial and neck swellings. Identify facial/neck swellings that require urgent referral.	Interactive lecture	MCQs
13	Salivary Glands Saliva and salivary glands	- Describe the structure and function, in health, of the salivary glands and saliva. - Describe relevant basic sciences including anatomy, physiology and immunology. Apply knowledge of basic sciences when assessing patients and formulating treatment plans.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
14	Salivary Glands Salivary gland diseases	- Diagnose and appropriately manage patients presenting with disorders of the major and minor salivary glands. - Perform an appropriate clinical examination that, where relevant, includes assessment of salivary flow and gland function.	Interactive lecture	MCQs
15	Salivary Glands Disturbance of salivary flow	- Describe the aetiology, clinical features and management of xerostomia and sialorrhoea (disturbances of salivary flow). - Diagnose and manage patients presenting with altered salivary flow.	Interactive lecture	MCQs
16	Overgrowths Inflammatory overgrowths & developmental lesions	Describe the clinical features, diagnosis and management of inflammatory and developmental oral soft-tissue overgrowths.	Interactive lecture	MCQs
17	Cancerous Lesions Pre-cancerous lesions	- Undertake assessment and management of oral soft-tissue disease. - Describe the clinical features (with reference to epidemiology) and underlying pathophysiology of localised oral soft-tissue disorders. - Describe iatrogenic oral soft-tissue disorders. - Describe diseases with extra-oral manifestations that present with oral soft-tissue disorders.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		- Apply knowledge of basic sciences when assessing patients and formulating treatment plans. - Recognise the importance of basic sciences for understanding health and disease.		
18	Cancer Pre-cancerous conditions & oral carcinogens	- Describe pre-cancerous conditions and oral carcinogens and their role in the aetiology of oral cancer. - Recognise risk factors for oral cancer and implement appropriate screening and referral pathways.	Interactive lecture	MCQs
19	Mucocutaneous Disease Mucocutaneous disease & lichen planus	- Describe the clinical features, diagnosis and management of mucocutaneous disease, including oral lichen planus. - Recognise the potential for malignant transformation and the need for long-term review.	Interactive lecture	MCQs
20	Immunobullous Diseases Immunobullous diseases & epidermolysis bullosa	- Describe the clinical features, diagnosis and management of immunobullous diseases (e.g. pemphigus, pemphigoid) and epidermolysis bullosa. - Recognise the systemic implications of these conditions and the need for multidisciplinary management.	Interactive lecture	MCQs
21	Erythema Multiforme &	Describe the clinical features, diagnosis and management of erythema multiforme and oral	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	Connective Tissue Diseases	manifestations of connective tissue diseases (e.g. lupus erythematosus). Recognise features that require urgent medical referral.		
22	Facial Pain Facial pain & neuropathic pain	• Diagnose and appropriately manage patients presenting with orofacial pain of odontogenic and non-odontogenic origin. • Describe the different manifestations of orofacial pain and how the presentation classically varies between them. • Describe the pathophysiology of orofacial pain. • Define the indications for imaging studies and other investigations in the context of orofacial pain. • Perform an appropriate neurological examination. • Recognise orofacial pain with potentially high morbidity, including suicide risk or malignancy, or where associated with a significant underlying systemic illness. Recognise own limitations and choose appropriately when to seek timely advice.	Interactive lecture	MCQs
23	Neuralgia Trigeminal neuralgia, glossopharyngeal neuralgia, post-	• Diagnose and appropriately manage patients presenting with altered cranial nerve function.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	herpetic and neuropathic pain	- Describe the clinical features (with reference to epidemiology) and underlying pathophysiology of localized cranial nerve disorders. - Describe iatrogenic cranial nerve disorders. - Describe diseases with extra-oral manifestations that present with cranial nerve disorders. - Perform an appropriate neurological examination. Recognize the importance of basic sciences for understanding health and disease.		
24	Orofacial Pain Migraine, cluster headache, facial pain	Describe the clinical features, diagnosis and management of primary headache disorders (migraine, cluster headache) presenting as facial pain. Differentiate primary headache disorders from other causes of orofacial pain.	Interactive lecture	MCQs
25	Orofacial Pain Neurologic disturbances	Describe the clinical features and management of neurological disturbances presenting with orofacial symptoms. Recognise when neurological disturbances warrant specialist referral.	Interactive lecture	MCQs
26	TMJ TMD investigations, TMPDS	Describe the investigations used in the diagnosis of temporomandibular disorders (TMD) and temporomandibular pain-dysfunction syndrome (TMPDS).	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
		Diagnose and manage patients presenting with TMJ-related problems.		
27	TMJ Internal derangement, rheumatoid arthritis, osteoarthritis	Describe the clinical features, diagnosis and management of internal derangement, rheumatoid arthritis and osteoarthritis affecting the TMJ.	Interactive lecture	MCQs
28	TMJ Chronic orofacial pain	Describe the multifactorial aetiology and biopsychosocial management of chronic orofacial pain. Recognize the role of a multidisciplinary approach in managing patients with chronic pain.	Interactive lecture	MCQs
29	Disturbance in Taste and Salivation	Describe the clinical features, diagnosis and management of disturbances in taste and salivation.	Interactive lecture	MCQs
30	Disorders of Teeth and Bone	Describe the anatomy, aetiology and management of disorders of teeth and bone relevant to oral medicine.	Interactive lecture	MCQs
31	Medical Emergencies Signs and symptoms of medical emergencies in	- Recognize, manage and, where required, provide basic and immediate life support for adult and paediatric medical emergencies. - Describe the physiology or pathophysiology related to medical emergencies.	Interactive lecture	MCQs



Sr. No.	Title / Topic	Learning Objective	T&L Strategy	Assessment Tool
	the dental office / management	• Explain the pharmacology and adverse effects of drugs used in the management of medical emergencies. • Define the requirements and procedures involved in selection and maintenance of emergency drugs and equipment. • Identify, prescribe and administer (where appropriate) pharmacological agents and use equipment correctly for the management of medical emergencies in adults and children. • Identify and refer, with an appropriate degree of urgency, medical and dental emergencies beyond the student's scope of management. • Recognise potentially life-threatening events. Recognise own limits and seek help appropriately.		





TEACHING METHODOLOGIES



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.

Clinical Teaching

Teaching and learning that occurs with actual patient as the focus. It occurs in the dental simulation labs, Dental Clinics and for Oral Medicine in the wards.

- **Significance of its usage**
- Stimulus of clinical contact
- Psychomotor skills
- Communication skills
- Language skills
- Interpersonal skills
- Professional attitudes and empathy
- Role modelling



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. Oral Medicine by W.R. Tyldesley
2. Burket's oral Medicine by Malcolm A. Lynch.
3. Oral Medicine and Pathology by Cawson and Odel

