



# Course Specifications

<b>Course Title:</b>	<b>Oral Medicine I</b>
<b>Course Code:</b>	<b>MDS 422</b>
<b>Program:</b>	<b>Bachelor of Dentistry [ BDS ]</b>
<b>Department:</b>	<b>Maxillofacial surgery and Diagnostic sciences [MDS]</b>
<b>College:</b>	<b>College of Dentistry</b>
<b>Institution:</b>	<b>Majmaah University</b>

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## A. Course Identification

<b>1. Credit hours: 2 (1+1+0)</b>			
<b>2. Course type</b>			
a.	University <input type="checkbox"/>	College <input checked="" type="checkbox"/>	Department <input type="checkbox"/> Others <input type="checkbox"/>
b.	Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	
<b>3. Level/year at which this course is offered: 4<sup>th</sup> Year / 2<sup>nd</sup> Semester</b>			
<b>4. Pre-requisites for this course (if any): MDS 331</b>			
<b>5. Co-requisites for this course (if any):NA</b>			

### 6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	25%
2	Blended	NA	NA
3	E-learning	NA	NA
4	Correspondence	NA	NA
5	Other - Clinical/PBL	45	75%

### 7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
<b>Contact Hours</b>		
1	Lecture	15
2	Laboratory/Studio	45
3	Tutorial	-
4	Others (specify)	-
	<b>Total</b>	<b>60</b>
<b>Other Learning Hours*</b>		
1	Study	45
2	Assignments	15
3	Library	15
4	Projects/Research Essays/Theses	-
5	Others (specify)	-
	<b>Total</b>	<b>75</b>

\* The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

## B. Course Objectives and Learning Outcomes

### 1. Course Description

This course deals with the clinical features and therapeutic management of oro – facial diseases. Students will be trained to identify the signs and symptoms expressed by the patient to the probable disease and manage them by therapeutic or palliative treatment whichever is necessary. Students will further learn to request proper investigative procedures, and properly manage the condition or refer the patient to a specialist. Special emphasis is given in this course to patient’s referral procedure and dental report writing.

### 2. Course Main Objective

- a. Students will be trained in understanding different lesions of oral cavity and its approach towards adequate therapeutic management.
- b. This course intends to take the students forward in terms of understanding the clinical features of various oral – facial diseases.
- c. Ability to recognize systemic conditions that may affect dental patients.
- d. Students will be trained to identify the medically compromised patient and planning their dental treatment appropriately.  
Patient referral procedures, prescription writing and dental report writing.

### 3. Course Learning Outcomes

CLOs		Aligned PLOs
<b>1</b>	<b>Knowledge:</b>	
K2.11	Recognize the abnormal changes in the oral tissue including precancerous white lesions and oral cancer and pharmacotherapy	K2
<b>2</b>	<b>Skills :</b>	
S2.9	Compare the similarities and differentiating features of various oral lesions	S2
S3.16	Evaluate the use of various pharmacological agents in the management of dental and oral diseases	S3
<b>3</b>	<b>Competence:</b>	
C2.21	Demonstrate active participation, leadership skills and cooperation with fellow colleagues in group task and assignment	C2

## C. Course Content

1.Topics to be covered by Lectures		
S.No	List of Topics	Contact Hours
1	<b>Introduction/ Analgesics</b> <ul style="list-style-type: none"><li>• Introduction</li><li>• Classification</li><li>• Adverse effect</li><li>• Para aminophenol derivatives</li><li>• Salicylates</li></ul>	1
2	<b>Analgesics – 2</b> <ul style="list-style-type: none"><li>• Working mechanism</li><li>• Propionic acid derivatives</li><li>• Oxicam derivatives</li><li>• Arly acetic acid derivatives</li></ul>	1
3	<b>Antibiotics – 1</b> <ul style="list-style-type: none"><li>• Introduction</li><li>• History</li><li>• Definition</li><li>• Classifications</li><li>• Antibiotic prophylaxis</li></ul>	1
4	<b>Antibiotics – 2</b> <ul style="list-style-type: none"><li>• Metronidazole</li><li>• Tetracycline</li><li>• Quinolone derivatives</li><li>• Ciprofloxacin</li><li>• Macrolide derivatives</li></ul>	1
5	<b>Corticosteroids &amp; Immunosuppressants</b> <ul style="list-style-type: none"><li>• Secretion of steroids in the human body</li><li>• Pharmacological actions of steroids</li><li>• Mechanism of action</li><li>• Various steroid preparations</li><li>• various side effects</li></ul>	1

6	<b>White Lesions of Oral Cavity – 1</b> <ul style="list-style-type: none"> <li>• Introduction of Leukoplakia</li> <li>• Classification</li> <li>• Etiopathogenesis of Leukoplakia</li> <li>• Clinical features</li> <li>• Treatment</li> </ul>	1
7	<b>White Lesions of Oral Cavity – 2</b> <ul style="list-style-type: none"> <li>• Introduction of Lichenplanus</li> <li>• Classification</li> <li>• Etiopathogenesis of Lichenplanus</li> <li>• Clinical features</li> <li>• Treatment</li> </ul>	1
8	<b>Oral Cancer – Etiology and Clinical Features</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Etiological factors</li> <li>• Clinical features</li> <li>• TNM staging</li> </ul>	1
9	<b>Oral Cancer – Treatment Modalities</b> <ul style="list-style-type: none"> <li>• Radiotherapy</li> <li>• Chemotherapy</li> <li>• Surgical therapy</li> <li>•</li> </ul>	1
10	<b>Oral Cancer – Adverse Effects of Treatment</b> <ul style="list-style-type: none"> <li>• Radiation Mucositis</li> <li>• Osteoradionecrosis</li> <li>• Radiation caries</li> <li>• Xerostomia</li> <li>•</li> </ul>	1
11	<b>Diseases of Tongue</b> <ul style="list-style-type: none"> <li>• Local diseases of tongue</li> <li>• Systemic diseases manifesting in tongue</li> </ul>	1

12	<b>Hematological Disorders</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Anemia</li> <li>• Leukemia</li> </ul>	1
13	<b>Bleeding Disorders</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Thrombocytopenic purpura</li> <li>• Oral manifestation</li> <li>• Dental Management</li> </ul>	1
14	<b>Clotting Disorders</b> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Hemophilia</li> <li>• Oral Manifestation</li> <li>• Dental Management</li> </ul>	1
15	<b>Patient Follow up</b> <ul style="list-style-type: none"> <li>• Patient recall</li> <li>• Assessing the progression of the disease</li> <li>• Response to the treatment</li> </ul>	1
<b>TOTAL</b>		15

**2. Course components (total contact hours and credits per semester):**

		Lecture	Tutorial	Laboratory/ Studio	Practical	Other:	Total
<b>Contact Hours</b>	<b>Planned</b>	15			45		60
	<b>Actual</b>	15			45		60
<b>Credit</b>	<b>Planned</b>	1			1		2
	<b>Actual</b>	1			1		2

## D. Teaching and Assessment

### 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
<b>1</b>	<b>Knowledge</b>		
K2.11	Recognize the abnormal changes in the oral tissue including precancerous white lesions and oral cancer	Lectures, session PBL	Recall/Factual Questions in Written exams, Oral exam, OSPE, Weekly assessment, Research.
<b>2</b>	<b>Skills</b>		
S2.9	Compare the similarities and differentiating features of various oral lesions	Lectures, Group discussion, session PBL	Conceptual, Analytical or Evaluative questions in Written exams, Oral exam, OSPE, weekly assessments, Research.
S3.16	Evaluate the use of various pharmacological agents in the management of dental and oral diseases	Lectures, Group discussion, session PBL	Conceptual, Analytical or Evaluative questions in Written exams, Oral exam, OSPE, weekly assessments, Research.
<b>3</b>	<b>Competence</b>		
C2.21	Demonstrate willingness to work in groups	Problem based learning, Group discussion	The group task / Assignment will be supervised closely and the work done by each student will be evaluated using rubrics in Professionalism, weekly assessment and research.

### 2. Assessment Tasks for Students

	Assessment task (i.e., essay, test, quizzes, group project, examination, speech, oral presentation, etc.)	Week Due	Proportion of Total Assessment
<b>1</b>	<b>Professionalism</b> Assessed by the rubrics prepared by the course coordinator	<b>All weeks</b>	<b>5%</b>
<b>2</b>	<b>Quiz</b> By MCQs formatted to test the knowledge and cognitive domain	<b>5<sup>th</sup> week</b>	<b>5%</b>
<b>3</b>	<b>Oral Exam</b> Questions selected by lottery method and the answered is assessed by rubrics	<b>8<sup>th</sup> week</b>	<b>5%</b>



<b>4</b>	<b>Research</b> Research topics assigned at the start of the course and submission date given and assessed by rubrics	<b>March 3<sup>rd</sup></b>	<b>5%</b>
<b>5</b>	<b>Weekly Practical Assessment</b> PBL approach is used and log books used to records details and assessed and graded	<b>All Weeks</b>	<b>20%</b>
<b>6</b>	<b>Midterm Theory Exam</b> 60% MCQs and 40% SEQs 50% test knowledge and 50% Cognition	<b>Will be announced</b>	<b>20%</b>
<b>7</b>	<b>Final Practical</b> OSPE to test the knowledge and cognitive skills learned in the course	<b>15<sup>th</sup> week</b>	<b>20%</b>
<b>8</b>	<b>Final Theory Exam</b> 60% MCQs and 40% SEQs 50% test knowledge and 50% Cognition	<b>Will be announced</b>	<b>20%</b>

\*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

## E. Student Academic Counseling and Support

**Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :**  
The student shall avail the consultancy during the displayed office hours

## F. Learning Resources and Facilities

### 1. Learning Resources

<b>Required Textbooks</b>	<ul style="list-style-type: none"> <li>✓ Burket's – Oral Medicine Diagnosis and Treatment 12<sup>TH</sup> EDITION -2016</li> <li>✓ Textbook of Oral Medicine, <b>Silverman</b> Edition – 2013</li> <li>✓ Michael Glick, William M. Feagans Chair 12<sup>th</sup> edition; 2015</li> </ul>
<b>Essential References Materials</b>	<ul style="list-style-type: none"> <li>✓ Journal of Oral medicine and Oral pathology</li> <li>✓ Triple "O"</li> <li>✓ Quintessence International</li> <li>✓ Clinical manual, PBL Scenarios, Practical powerpoints</li> </ul>
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li>✓ <a href="https://www.who.int/news-room/fact-sheets/detail/oral-health">https://www.who.int/news-room/fact-sheets/detail/oral-health</a></li> <li>✓ <a href="https://www.fdiworldental.org/oral-health/oral-diseases">https://www.fdiworldental.org/oral-health/oral-diseases</a></li> <li>✓ <a href="https://www.bsomp.org.uk/">https://www.bsomp.org.uk/</a></li> <li>✓ <a href="https://www.aaom.com/">https://www.aaom.com/</a></li> </ul>
<b>Other Learning Materials</b>	<ul style="list-style-type: none"> <li>✓ Saudi digital Library (SDL)</li> </ul>

## 2. Facilities Required

Item	Resources
<b>Accommodation</b> (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> <li>✓ Lecture room suitable for 30 students</li> <li>✓ Demonstration room for PBL practical sessions</li> </ul>
<b>Technology Resources</b> (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> <li>✓ Projector</li> <li>✓ Smart board with all the accessories</li> <li>✓ Internet</li> </ul>
<b>Other Resources</b> (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	Cancer detecting equipments like vizilite, velscope, punch biopsy.

## G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	<ul style="list-style-type: none"> <li>✓ Course Evaluation Survey</li> <li>✓ Quality of Exam Survey</li> </ul>
	Faculty	<ul style="list-style-type: none"> <li>✓ CLO Mapping with teaching &amp; assessment.</li> <li>✓ Course Blueprinting</li> <li>✓ Grade Analysis</li> <li>✓ Psychometric Analysis</li> </ul>
	Peers	Grade Verification
Extent of achievement of course learning outcomes	Faculty member / Quality assurance committee	<ul style="list-style-type: none"> <li>✓ Direct assessment outcome analysis</li> <li>✓ Course report preparation</li> </ul>
Quality of learning resources, etc	Students / Faculty	<ul style="list-style-type: none"> <li>✓ Academic advising survey</li> <li>✓ Student experience survey</li> </ul>

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

**Assessment Methods** (Direct, Indirect)

## H. Specification Approval Data

<b>Council / Committee</b>	<b>Department Council</b>
<b>Reference No.</b>	<b>No-6</b>
<b>Date</b>	24/08/1440 H