



Course Specifications

Course Title:	Oral Pathology
Course Code:	MDS 233
Program:	Bachelor of Dentistry [BDS]
Department:	Maxillofacial surgery and Diagnostic sciences [MDS]
College:	College of Dentistry
Institution:	Majmaah University

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A. Course Identification

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

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	40%
2	Blended	NA	NA
3	E-learning	NA	NA
4	Correspondence	NA	NA
5	Other - Laboratory	90	60%

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	30
2	Laboratory/Studio	90
3	Tutorial	-
4	Others (specify)	-
	Total	120
Other Learning Hours*		
1	Study	45
2	Assignments	15
3	Library	15
4	Projects/Research Essays/Theses	-
5	Others (specify)	-
	Total	75

* 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

The course provides a basis for the clinical practice in which the students will be engaged during the coming years and after graduation. The students will gain sufficient knowledge to help them distinguish between oral tissues in health and disease, identify diseases of the teeth, periodontium, maxilla and mandible including the face, oral mucous membranes and associated soft tissues and orofacial manifestations of systemic diseases. The causes of the various diseases and the microscopic appearance of the developed lesions are emphasized. The underlying basic pathological principles are also stressed, in addition to the clinical appearance of the lesions, which is also studied to provide introductory basis for clinical differential diagnosis.

2. Course Main Objective

The purpose of this course is for the students to understand and know how to apply the following principles for various diseases and disorders of the oral and maxillofacial region:

- Etiology
- Pathogenesis.
- Clinical, histological and radiographic features of lesions and their differentiation from the normal tissue.
- Principles of treatment and prognosis

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
K2.3	Identify the sign and symptoms of various oral diseases and their important characteristic features.	K2
K2.4	Recall the important histological and radiographic features of various diseases of head and neck region.	K2
2	Skills :	
S1.8	Explain the etiopathogenesis of oral diseases and correlate them with the clinical sign and symptoms.	S1
S2.3	Analyze clinical, histologic and radiographic findings to help in investigation and diagnosis of various oral diseases.	S2
3	Competence:	
C1.8	Demonstrate professional qualities and behavior towards the staff and fellow colleagues during sessions and tasks	C1

C. Course Content

No	List of Topics	Contact Hours
1	<p style="text-align: center;">Introduction</p> Definitions of oral pathology and its field. Normal orofacial structures. Types of microscopes Common stains used in oral pathology	1
2	<p style="text-align: center;">Developmental anomalies of lip & jaw</p> Orofacial Clefts.	1

	Anomalies of lip Syndromes associated with these defects	
3	Developmental anomalies tongue Anomalies of tongue Syndromes associated with these defects	1
4	Developmental anomalies of teeth Developmental alterations of teeth Developmental alterations in the number of teeth. Developmental alterations in the size of teeth. Developmental alterations in the shape of Teeth. Developmental alterations in the structure of teeth.	3
5	Odontogenic cysts Odontogenic cysts Denti gerous cyst Erup tion cyst. Primordial cyst. Odontogenic kerato cyst. Orthokeratinized odontogenic cyst. Nevoid Basal Cell Carcinoma Syndrome. Gingival Cyst of the Newborn. Ging ival Cysl of the Adult. Lateral Periodontal Cyst Calcifying Odontogenic Cyst. Gland ular Odontogenic Cyst. Buccal Bifurcation Cyst. Carcinoma Arisi ng in Odo ntogenic Cysts.	2
6	Odontogenic tumors Tumors of odontogenic epithelium Mixed odontogenic tumors Tumors of odontogenic mesenchyme	3
7	Keratotic lesions Leukoplakia Hair tongue White spone nevus Smokers palate Oral hairy leukoplakia Lichen planus Linea alba Verrucus carcinoma	2
8	Dental caries Definition Classification of dental caries Bacterial implicated in dental caries Role of plaque in dental caries Stephan curve Factors affecting plaque formation Saliva and dental caries Microscopic features of enamel and dentin caries.	1
9	Periapical diseases Pulpitls. Secondary dentin	2

	<p>Pulpal calcifications. Periapical granuloma. Periapical cyst. Periapical abscess. Cellulitis. Osteomyelitis. Diffuse sclerosing osteomyelitis. Condensing osteitis.</p>	
10	<p style="text-align: center;">Diseases of salivary glands</p> <p>Introduction Benign salivary gland tumors Pleomorphic adenoma Monomorphic adenoma Papillary cysadenoma lymphatosum Oncocytoma Malignant salivary gland tumors Mucoepidermoid carcinoma Adenoid cystic carcinoma Acinic cell carcinoma Polymorphous low grade adenocarcinoma</p> <p>Mucocele Mucous retention cyst Chronic sclerosing sialadenitis Necrotizing sialometaplasia Sjogren syndrome</p>	3
11	<p style="text-align: center;">Diseases & tumors of connective tissue</p> <p>Introduction Tumors of fibrous tissue origin Tumors of muscle tissue origin Tumors of nerve tissue origin Tumors of adipose tissue origin Tumors of Vascular tissue origin</p>	3
12	<p style="text-align: center;">Bacterial infections</p> <p>Introduction Necrotizing ulcerative gingivitis. Noma. Actinmycosis. Impetigo. Tonsillitis an pharyngitis. Scarlet fever. Syphilis. Tuberculosis.</p>	1
13	<p style="text-align: center;">Viral and fungal infections</p> <p>Introduction Fungal infections Pseudomembranous candidiasis Erythematous Pseudomembranous Erythematous Hyperplastic candidiasis</p>	1

	Denture stomatitis Angular cheilitis Median rhomboid glossitis Herpes viruses Paramyxovirus Papovirus Retroviruses	
14	Diseases of bone Introduction Benign Fibro-Osseous lesions: Paget disease Osteopetrosis Osteogenesis imperfecta Osteoma Osteoid osteoma and osteoblastoma	1
15	Oral epithelial tumors Introduction Benign epithelial lesions Malignant epithelial neoplasms Premalignant lesions and conditions	3
16	Regressive alterations Introduction Abrasion Attrition Erosion Abfraction Resorption of teeth	1
17	Forensic odontology Introduction Terminologies General overview	1
Total		30

D. Teaching and Assessment

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

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1	Knowledge		
K2.3	Identify the sign and symptoms of various oral diseases and their important characteristic features.	Lectures, Practical lab	Recall/Factual Questions in Written exams , Oral evaluations, OSPE, Assignments
K2.4	Recall the important histological and radiographic features of various diseases of head and neck	Lectures, Practical lab	Recall/Factual Questions in Written exams , Oral evaluations, OSPE,

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
	region.		Assignments
2	Skills :		
S1.8	Explain the etiopathogenesis of oral diseases and correlate them with the clinical sign and symptoms.	Lectures, Practical lab	Conceptual, Analytical or Evaluative questions in Written exams , Oral evaluations, OSPE, Assignments, weekly assessments
S2.3	Analyze clinical, histologic and radiographic findings to help in investigation and diagnosis of various oral diseases.	Lectures, Practical lab	Conceptual, Analytical or Evaluative questions in Written exams , Oral evaluations, OSPE, Assignments, weekly assessments
3	Competence:		
C1.8	Demonstrate professional qualities and behavior towards the staff and fellow colleagues during sessions and tasks	Expected professional behavior will be explained to them and also guidelines will be provided I study guide/ lab manual.	The group task / Assignment will be supervised closely each student will be evaluated using rubrics. DOP using rubrics

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz 1 + 2	Week 10 & Week 19	05%
2	Midyear exam – Theory	Week 14	25%
3	Behavior / Professionalism	During the course	02%
4	Assignment	During the course	03%
5	Weekly Assessment	During the course	10%
6	Final Practical Exam	Week 14	20%
7	Final Theory Exam	Week 16	20%

*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

Required Textbooks	✓ Shafer's textbook of Oral pathology; R. Rajendran and S. Shivpathasundaram; ELSEVIER, seventh Edition
Essential References Materials	✓ Oral Pathology: Clinical - Pathologic Correlations; Joseph A. Regezi ,James J. Sciubba and Richard C. K. Jordan ELSEVIER Third Edition
Electronic Materials	None
Other Learning Materials	None

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	<ul style="list-style-type: none"> ✓ Lecture room suitable for 30 students ✓ Fully equipped lab for practical sessions
Technology Resources (AV, data show, Smart Board, software, etc.)	<ul style="list-style-type: none"> ✓ Projector ✓ Smart board with all the accessories ✓ Internet
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	<ul style="list-style-type: none"> ✓ Microscopes ✓ Microscopic slides ✓ Soft tissues specimens and casts of oral anomalies

G. Course Quality Evaluation

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

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

Council / Committee	Department Council
Reference No.	
Date	30/8/1440