



Course Title:	Clinical oral surgery II.
Course Code:	MDS 413
Program:	Bachelor of Dental Surgery (BDS)
Department:	Maxillofacial Surgery and Diagnostic Sciences
College:	College of Dentistry
Institution:	Majmaah University

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A. Course Identification

1. Credit hours: 3 hours			
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: 4 th Year			
4. Pre-requisites for this course (if any): Clinical Oral Surgery I (313 MDS)			
5. Co-requisites for this course (if any): MDS 213			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	30%
2	Blended		
3	E-learning		
4	Correspondence		
5	Other	30	70%

7. Actual Learning Hours (based on academic semester)

No	Activity	Learning Hours
Contact Hours		
1	Lecture	15
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	90
	Total	105
Other Learning Hours*		
1	Study	60
2	Assignments	15
3	Library	15
4	Projects/Research Essays/Theses	20
5	Others (specify)	
	Total	110

* 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

<p>1. Course Description:- Course Description:</p> <p>This advanced oral surgery course is designed to get the students to understand more advanced concepts and techniques of oral and maxillofacial surgery. In addition to performing more complicated minor oral surgical procedures.</p>

2. Course Main Objective:- The main purpose for this course is to equip students with knowledge of the advanced oral surgical procedures and to incorporate advance skills to perform more complicated minor oral surgical procedures, and managing complications associated with it.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge:	
K3.1	Recall different concepts and techniques required in managing medical and oral surgical problems.	K3
2	Skills :	
S3.1	Apply basic and advance principles and technique managing various oral & surgical problems	S3
S5.1	Evaluate and manage the medical and oral surgical emergencies in dental practice with emerging trends	S5
S7.1	Demonstrate skills in clinical examination and performing treatment for various oral surgical problems	S7
3	Competence:	
C3.1	Demonstrate communication with patients their family members and documentation of same.	C3

C. Course Content

No	List of Topics	Contact Hours
1	Scope of oral and maxillofacial surgery specialty	1
2	Minor oral surgery Diagnosis and management complications resulting from minor surgical procedures: <ul style="list-style-type: none"> • Prevention of complications • Problems with a tooth being extracted • Injuries to adjacent teeth • Injuries to osseous structures • Injuries to adjacent structures • Oroantral communication • Postoperative bleeding • Delayed healing and infection • Fracture of mandible 	2
3	General anesthesia Guidelines related to general anesthesia	1
4	Hospital protocol and guidelines related to maxillofacial surgical procedures Consultations: <ul style="list-style-type: none"> • Emergency department consultation • Inpatient consultation • Requesting a consultation • Care of hospitalized patients • Management of post operative problems 	1
5	Flaps In Oral Surgery	1

	Routine minor oral surgical procedures which include flap designs, and cutting of alveolar bone	
6	Impactions Assessment and management of impacted teeth: <ul style="list-style-type: none"> • Indications for removal of impacted teeth • Contraindications for removal of impacted teeth • Classification system for mandibular third molar impactions • Root morphology • Classification system for maxillary third molar impactions • Surgical procedure for removal of impacted teeth • Perioperative patient management 	2
7	Trauma Basic knowledge of oral and maxillofacial trauma: <ul style="list-style-type: none"> • Evaluation of patients with facial trauma • History and physical examination • Radiographic evaluation • Cause and classification of facial fractures • Mandibular fractures • Midface fractures • Treatment of fractures 	2
8	Oral pathology Surgical management of bone pathology: <ul style="list-style-type: none"> • Basic surgical goals • Principles of surgical management of jaw tumours • Surgical management of cyst and cyst like lesions of the jaw • Malignant tumours of oral cavity • Brief about reconstruction 	1
9	Pharmacology for oral surgery	1
10	Pre prosthetic surgery Procedures that improve prosthesis retention and stability: <ul style="list-style-type: none"> • Objectives • Patient evaluation and treatment planning • Re contouring alveolar ridges • Soft tissue abnormalities • Soft tissue surgery for ridge extension. 	1
11	Cleft lip ,palate and orthognathic surgery Cleft lip and surgical procedures in orthognathic surgery. Cleft: <ul style="list-style-type: none"> • Embryology • Causative factors • Problems associated • Treatment Orthognathic: <ul style="list-style-type: none"> • General principles of facial growth • Genetic and environmental influences • Evaluation • Presurgical treatment phase • Surgical management mandibular • Surgical management maxilla • Distraction • Postsurgical treatment phase 	2
Total		

D. Teaching and Assessment

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

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
K3.1	Recall different concepts and techniques required in managing medical and oral surgical problems.	Lectures Clinical session	Written exam. Oral Exam Weekly assessment. OSPE / OSCE.
2.0	Skills		
S3.1	Apply basic and advance principles and technique managing various oral & surgical problems	Lectures, Clinical session	Written exams. Oral Exam. Practical / clinical exam. OSPE / OSCE. Weekly assessment
S5.1	Evaluate and manage the medical and oral surgical emergencies in dental practice with emerging trends	Lectures, Clinical session	Written exams. OSPE / OSCE. Research projects
S7.1	Demonstrate skills in clinical examination and performing treatment for various oral surgical problems.	Clinical session	Practical / clinical exam. OSPE / OSCE. Weekly assessment.
3.0	Competence		
C3.1	Demonstrate communication with patients and their family members and documentation	Clinical session	Weekly assessment, Practical / clinical exam.

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz 2(1+1)	Week 4 th , 9 th week	5%
2	Midterm exam – Theory	Week 7 th	15%
3	Behavior / Professionalism	During the course	5%
4	Assignment/ Resurch	During the course	5%
5	Weekly Assessment	During the course	30%
6	Final Theory Exam	To be announced	15%
8	Final Practical Exam	To be announced	25% (practical and oral exam)

*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	<ul style="list-style-type: none"> Contemporary oral and maxillofacial surgery Textbook of general and oral surgery. Local anesthesia handbook by Malamed,
Essential References Materials	<ul style="list-style-type: none"> Malamed SF, Orr DL. Medical emergencies in the dental office. St. Louis: Mosby Elsevier,; Neville. Oral and Maxillofacial Pathology. Journal of Oral and Maxillofacial Surgery. International Journal of Oral and Maxillofacial Surgery.
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 clinics 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)	

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	<ul style="list-style-type: none"> ✓ Grade Verification

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Extent of achievement of course learning outcomes	Faculty member / Quality assurance committee	<input checked="" type="checkbox"/> Direct assessment outcome analysis <input checked="" type="checkbox"/> Course report preparation
Quality of learning resources, etc	Students / Faculty	<input checked="" type="checkbox"/> Academic advising survey <input checked="" type="checkbox"/> 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.	Meeting #6
Date	30/8/1440