

Republic of Yemen
Ministry of Higher Education & Scientific Research
Emirates International University



Faculty of Dentistry
Department of Oral Surgery
Doctor of Dental Surgery

Course Specification of Medically Compromised Patients

Course No. ()



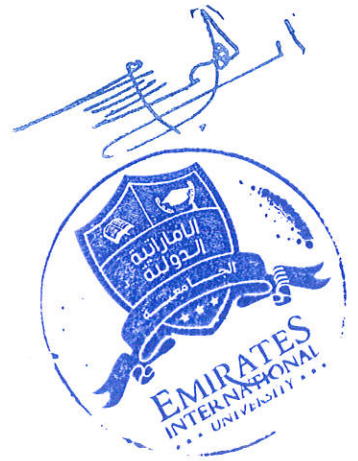
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Review committee:

Head of the Department

Quality Assurance head

Dean of Faculty



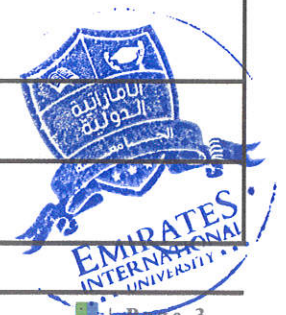
I. Course Identification and General Information:

1	Course Title:	Medically Compromised Patients			
2	Course Code & Number:				
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		1	2	--	--
4	Study Level/ Semester at which this Course is offered:	5 th Level / 1 st Semester			
5	Pre –Requisite (if any):	Local anesthesia			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Dentistry			
12	Prepared by:	Dr. Sam Da'er			

II. Course Description:

The aim of this course allow students to gain clinical experience in undertaking, and recording case of medical history, and performing the physical examination of patients requiring minor oral surgery procedures. it covers the introduction of systemic disease, oral manifestation, dental managements. It concentrate to systemic disorders and safety patient to administration of local anesthesia and tooth extraction

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program	
A. Knowledge and Understanding:		I, A or E	
a1	Enumerate and describe the steps undertaken to properly manage medically compromised patients		A4
a2	Recognize and describe the management of medical emergencies in the dental office including first aid and basic life support measures		A6
a3	Understanding the importance of effective pain and anxiety control and promoting a caring approach to pain control and management of anxious patients		A5
B. Intellectual Skills:			
b1	Consider and recommend the appropriate referral of patients for specialist advice or treatment		B2, B5
b2	Assess the moral and ethical responsibilities involved in the provision of care to individual patients, including those with special needs, and to members of diverse and vulnerable populations		B1
b3	Relate between oral health problems, nutrition, general health, drugs and diseases that have an impact on dental care plan.		B3
C. Professional and Practical Skills:			
c1	Observe a clinical examination, oral manifestation and assist in relevant surgical procedures.		C6
D. Transferable Skills:			
d1	Communicate and appraise clinical problems and treatment plans with other specialties		D3



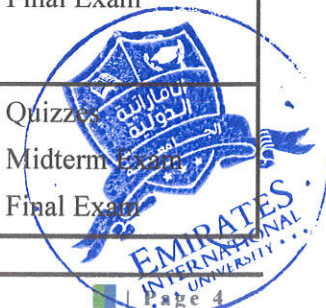
	involved in the treatment of patients and working with a team concept			
d2	Manage patients with confidence, sympathy and understanding & appropriately discharge patients.			D7

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
a1	Enumerate and describe the steps undertaken to properly manage medically compromised patients	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam
a2	Recognize and describe the management of medical emergencies in the dental office including first aid and basic life support measures	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam
a3	Understanding the importance of effective pain and anxiety control and promoting a caring approach to pain control and management of anxious patients	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
b1	Consider and recommend the appropriate referral of patients for specialist advice or treatment	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam
b2	Assess the moral and ethical responsibilities involved in the provision of care to individual patients, including those with special needs, and to members of diverse and vulnerable populations	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam
b3	Relate between oral health problems, nutrition, general health, drugs and diseases that have an	<ul style="list-style-type: none"> ▪ Lecture ▪ Discussion 	Quizzes Midterm Exam Final Exam



	impact on dental care plan.		
(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
c1	Observe a clinical examination, oral manifestation and assist in relevant surgical procedures.	<ul style="list-style-type: none"> ▪ Demonstration ▪ Debate ▪ Discussion 	<ul style="list-style-type: none"> ▪ Semester Work
(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:			
	Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies
d1	Communicate and appraise clinical problems and treatment plans with other specialties involved in the treatment of patients and working with a team concept	<ul style="list-style-type: none"> ▪ Self- learning ▪ Discussion ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Semester Work
d2	Manage patients with confidence, sympathy and understanding & appropriately discharge patients.	<ul style="list-style-type: none"> ▪ Self- learning ▪ Discussion ▪ Brainstorming 	<ul style="list-style-type: none"> ▪ Semester Work

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Systemic Disease : Cardiovascular disorders I	Cardiovascular Problems includes: Ischemic heart disease, Cerebrovascular accident (stroke), Dysrhythmias, Congestive heart failure and Cerebrovascular accident (stroke).	1 st -2 nd	4	a1,b1
2	Systemic Disease : Cardiovascular disorders II	Hypertension, hypotension and dental management of Cardiovascular disorders	3 rd	2	a2, b1, b3
3	Systemic Disease : Blood disorders	Hematologic Problems includes: Hereditary coagulopathies, Therapeutic anticoagulation and dental management	4 th -5 th	4	

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
4	Systemic Disease : Central nervous system	Neurologic Disorders Seizure disorders, Epileptic disorder and dental management	6 th	2	a1, b1,b2, b3
5	Systemic Disease : Endocrine disorders	Diabetes mellitus, Adrenal insufficiency, Hyperthyroidism, Hypothyroidism and dental management	7 th	2	a1, a2, b1, b3
6	Midterm Exam		8 th	2	a1, a2, b1,b2, b3
7	Systemic Disease : Liver diseases	Hepatic Disorders, laboratory investigation and dental managements	9 th -10 th	4	a1, a2, b1, b3
8	Systemic Disease : Kidney diseases	Renal Problems incldes: Renal failure, Renal transplantation and dental managements.	11 th	2	a1, a2, b1, b3
9	Systemic Disease : Respiratory diseases	Pulmonary Problems including: Asthma, Chronic obstructive pulmonary disease and dental management	12 th	2	a1, a2, b1, b3
10	Systemic Disease : Allergy and autoimmune disorders	Hypersensitivity Reactions includes causes and management	13 th	2	a1, b1
11	Systemic Disease : Medical emergencies in dental clinic	Basic Life Support including: Airway, Breathing, Circulation, Acute Onset Chest Pain and vital sings	14 th - 15 th	4	a1, a3, b1, b2
12	Final Exam		16 th	2	a1, a2, a3, b1, b2, b3
Number of Weeks /and Units Per Semester			16	32	

V. Teaching Strategies of the Course:

- Lectures
- Debate
- Discussion
- Brainstorming
- Self- learning
- Demonstration

VI. Assessment Methods of the Course:

- Quizzes
- Midterm Exam
- Final Exam
- Observation
- Semester Work

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	Presentation	2 nd - 15 th	10	b1, b2, b3, c1, d1, d2
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Quiz	4 th , 12 th	10	10%	a1, a2, b1,b2, b3
2	Mid-term exam	8 th	30	30%	a1, a2, b1,b2, b3
3	Assignments	2 nd - 15 th	10	10%	b1, b2, b3, c1, d1, d2
4	Final theory	16 th	50	50%	a1, a2, a3, b1,b2, b3
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s) (maximum two):

1- STANLEY MALAMED, DANIEL L, 2015, MEDICAL EMERGENCIES IN THE DENTAL OFFICE, 7th edition, Mosby, an imprint of Elsevier Inc.

2- Essential References:

1- Crispian Scully, 2014, scully's Medical Problems in Dentistry, 7th edition, Elsevier Ltd

3- Electronic Materials and Web Sites etc.:

1. <https://journals.sagepub.com/home/icm>

X. Course Policies: (Based on the Uniform Students' By law (2007))

	Class Attendance:
1	Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
	Tardiness:
2	A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
	Exam Attendance/Punctuality:
3	No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
	Assignments & Projects:
4	Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
	Cheating:
5	Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
	Forgery and Impersonation:
6	Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
	Other policies:
7	The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

Faculty of Dentistry

Department of Oral Surgery

Doctor of Dental Surgery

Course Plan (Syllabus) of Medically Compromised Patients

Course No. ()

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:							
E-mail:		SAT	SUN	MON	TUE	WED	THU



II. Course Identification and General Information:

1	Course Title:	Medically Compromised Patients			
2	Course Code & Number:				
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		1	2	--	--
4	Study Level/ Semester at which this Course is offered:	5th Level / 1st Semester			
5	Pre –Requisite (if any):	Local anesthesia			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
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12	Prepared by:	Dr. Sam Da'er			

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The aim of this course allow students to gain clinical experience in undertaking, and recording case of medical history, and performing the physical examination of patients requiring minor oral surgery procedures. it covers the introduction of systemic disease, oral manifestation, dental managements. It concentrate to systemic disorders and safety patient to administration of local anesthesia and tooth extraction

IV. Course Intended Learning Outcomes (CILOs) :

Medically Compromised Patients



Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Enumerate and describe the steps undertaken to properly manage medically compromised patients
a2	Recognize and describe the management of medical emergencies in the dental office including first aid and basic life support measures
a3	Understanding the importance of effective pain and anxiety control and promoting a caring approach to pain control and management of anxious patients
B. Intellectual Skills:	
b1	Consider and recommend the appropriate referral of patients for specialist advice or treatment
b2	Assess the moral and ethical responsibilities involved in the provision of care to individual patients, including those with special needs, and to members of diverse and vulnerable populations
b3	Relate between oral health problems, nutrition, general health, drugs and diseases that have an impact on dental care plan.
C. Professional and Practical Skills:	
c1	Observe a clinical examination, oral manifestation and assist in relevant surgical procedures.
D. Transferable Skills:	
d1	Communicate and appraise clinical problems and treatment plans with other specialties involved in the treatment of patients and working with a team concept
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A. Theoretical Aspect:

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2	Systemic Disease : Cardiovascular disorders II	Hypertension, hypotension and dental management of Cardiovascular disorders	3 rd	

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
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12	Final Exam		16 th	2
Number of Weeks /and Units Per Semester			16	32

VI. Teaching Strategies of the Course:

- Lectures
- Debate
- Discussion
- Brainstorming
- Self- learning
- Demonstration

VII. Assessment Methods of the Course:

- Quizzes
- Midterm Exam
- Final Exam
- Observation
- Semester Work

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	Presentation	2nd- 15th	10
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Quiz	4 th , 12 th	10	10%
2	Mid-term exam	8 th	30	30%
3	Assignments	2 nd -15 th	10	10%
4	Final theory	16 th	50	50%
Total			100	100%

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