



Course Specifications

Muharram 1437 H

Institution:	Institution: Majmaah University/ COLLEGE OF DENTISTRY	
Academic Department:	Prosthetic Department	
Program:	BDS	
Course :	Clinical Dental Implantology	
Course Coordinator :	Mouetaz Kheirallah	
Programme Coordinator :	Abdulrahman Alatram	
Course Specification Approved Date :	17/ 03 / 1437 H	



A. Course Identification and General Information

1 - Course title :	Clinical Dental Implantology	Course Code:	523 SDS
2. Credit hours :	(3)		
3 - Program(s) in which the course is offered:	BDS		
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:	Kheirallah M		
6 - Level/year at which this course is offered :	Fifth year		
7 - Pre-requisites for this course (if any) :	<ul style="list-style-type: none"> • 413 SDS 		
8 - Co-requisites for this course (if any) :	<ul style="list-style-type: none"> • Oral Surgery II 		
9 - Location if not on main campus :	(Zulfi)		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	*	What percentage?	30 %
B - Blended (traditional and online)	*	What percentage?	10%
D - e-learning	*	What percentage?	5 %
E - Correspondence	...	What percentage? %
F - Other	*	What percentage?	55 %
Comments :	<p>.....</p>		

B Objectives

<p>What is the main purpose for this course?</p> <p>This course is devoted to providing the students with advanced knowledge and skills to manage dental implants cases both in simple and complex situations. Students are familiarized with the latest developments and different systems of dental implant available in the market and the scientific bases to evaluate and select the appropriate system based on the individual need. Restoration of dental implants and implant-supported overdentures are the majority of clinical cases assigned to students in this course</p>
<p>Briefly describe any plans for developing and improving the course that are being implemented :</p> <p>The course contents are rich either theoretical or practical.</p>



C. Course Description

1. Topics to be Covered

S. no.	List of Topics	No. of Weeks	Contact Hours
1	Describe history and developmental phases of dental implants.	1	1
2 & 3	Evaluation of dental implant patient and applied anatomy for dental implants.	2	2
4 & 5	Perform diagnostic imaging and techniques for Dental Implants.	2	2
6	Perform diagnostic casts and laboratory template related to dental implant treatment.	1	1
7 & 8	Understand the dental implant components and surfaces	2	2
9 & 10	Appropriate treatment planning particularly for partially and fully edentulous patients.	2	2
11	Surgical procedures for Dental Implants	1	1
12	Stage II for dental implants	1	1
13	Premaxilla Surgery	1	1
14	Select and perform appropriate provisional restoration for implant patients.	1	1
15	Perform necessary laboratory procedures related to dental implant treatment	1	1

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

		Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	1st semester	15	.....	22	23	.....	60
	2nd semester			22	23		45
Credit	1st semester	1			1		2
	2nd semester		.....	.....	1	.....	1

3. Additional private study/learning hours expected for students per week.

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4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	Describe history and developmental phases of dental implants.	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.2	Select and apply appropriate implant treatment option for partially and fully edentulous	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.3	Describe surgical procedures related to dental implantology.	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.4	Select and perform appropriate provisional restoration for implant patients.	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.5	Perform necessary laboratory procedures related to dental implant treatment.	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.6	Describe currently available dental implant systems, their characteristics, and scientific bases for selection.	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.7	Understand the dental implant components and surfaces	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.8	Understand a prosthetically driven implant placement	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.9	Understand Surgical steps	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
1.10	Know imaging technique for preoperative implant planning	Lectures, discussion, audiovisual, live demonstration & clinical exposure	MCQs exams, short essay exams & quizzes.
2.0	Cognitive Skills		
2.1	Improving the student's knowledge level, with a view to refining the student's approach to comprehensive patient care	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment
2.2	Perform diagnostic imaging and techniques for Dental Implants.	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment



	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
2.3	Appropriate treatment planning particularly for partially and fully edentulous patients	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment
2.4	Perform II stage for dental implants	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment
2.5	Perform appropriate provisional restoration for implant patients	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment
2.6	Identify the biologic consideration for osseointegration	Laboratory and clinical demonstration & clinical exposure	Laboratory and clinical exam and assessment
3.0	Interpersonal Skills & Responsibility		
3.1	Evaluation of dental implant patient and applied anatomy for dental implants	clinical demonstration & clinical exposure	clinical exam and assessment
3.2	Take history and know the contraindication of dental implants	clinical demonstration & clinical exposure	clinical exam and assessment
3.3	Cooperate with all staff for treatment planning	clinical demonstration & clinical exposure	clinical exam and assessment
4.0	Communication, Information Technology, Numerical		
4.1	Recognize interactive computer-guided implantology	clinical demonstration & clinical exposure	clinical exam and assessment
4.2	Perform linear and spiral tomography for implant therapy	clinical demonstration & clinical exposure	clinical exam and assessment
4.3	Using computer for analyzing the case and treatment plan	clinical demonstration & clinical exposure	clinical exam and assessment
5.0	Psychomotor		
5.1	Perform Surgical & Prosthetic steps	Clinical & practical demonstration & exposure	Clinical or practical exam and assessment
5.2	Perform necessary laboratory procedures related to dental implant treatment	Practical demonstration & exposure	Clinical or practical exam and assessment





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

	Assessment task	Week Due	Proportion of Total Assessment
1	First semester Midterm written examination	7	15%
2	Practical assessments	During	25%
3	Behavior and attitude	During	5%
4	Research	During	2%
5	Presentation	During	1%
6	Quiz	During	2%
7	Oral practical exam	13	10%
8	Final practical exam	15	10%
9	Final written examination	15	30%
10	Second semester Midterm clinical & practical examination	7	15%
11	Clinical & Practical assessments	during	25%
12	Behavior and attitude	during	5%
13	Topic review / Update report	during	5%
14	Oral clinical & Practical exam	15	10%
15	Clinical/practical exam	16	40%

D. Student Academic Counseling and Support

Students are supported by academic guidance during office hours and provide them with guidance and advice, as well as scientific knowledge of students' problems and how to solve it.





E. Learning Resources

1. List Required Textbooks : <ul style="list-style-type: none">• Contemporary Implant dentistry (Latest edition)• Dental Implants – The art and science
2. List Essential References Materials : <ul style="list-style-type: none">• Journal Of Prosthetic Dentistry
3. List Recommended Textbooks and Reference Material : <ul style="list-style-type: none">• Contemporary Fixed Prosthodontics, Stephen F. Rosenstiel
4. List Electronic Materials : <ul style="list-style-type: none">• www.google.com• www. Pubmed.com
5. Other learning material : <ul style="list-style-type: none">• International Journal Of Prosthetic Dentistry• International Journal Of Implantology

F. Facilities Required

1. Accommodation <ul style="list-style-type: none">• A class room with a seating capacity of 30 students• A spacious laboratory with all equipment for practical
2. Computing resources <ul style="list-style-type: none">• One computer in the classroom,• Projector.• Smart board.• Data show Projector.
3. Other resources

G Course Evaluation and Improvement Processes

1. Strategies for Obtaining Student Feedback on Effectiveness of Teaching: <ul style="list-style-type: none">• The students will be given a feedback form, which can be submitted to the course director or to the dean which will help in improvement of the subject teaching.
2. Other Strategies for Evaluation of Teaching by the Program/Department Instructor : <ul style="list-style-type: none">• The head of the department has informal meetings with groups of students to discuss the contents of the course, method of teaching to evaluate the course and the instructor.• The head of the department randomly attends lectures to assess the instructor.





The power point presentation of each lecture is distributed to all the staff members of the department for evaluation and suggestions for improvement

3. Processes for Improvement of Teaching :

- Teachers will be subjected to go for up gradation of knowledge by attending the relevant conferences and will be encouraged to carry on a self-improvement

4. Processes for Verifying Standards of Student Achievement

- Other staff members are invited to attend the seminar presentation of students to verify the standards of student learning and their work.

5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :

- Meetings will be conducted every week in the department to update the status of each student and the difficulties felt by the colleague will be resolved accordingly.

Course Specification Approved
Department Official Meeting No (3) Date 17/ 03 / 1437 H

Course's Coordinator

Name : Mouetaz Kheirallah

Signature :

Date : 12/ 03 / 1437 H

Department Head

Name : Karthiga kannan

Signature :

Date : 17/ 03 / 1437 H

