



Faculty of Dentistry

Model (No 12)

Course Specification: Clinical Fixed Prosthodontics

2017-2018

University: Mansoura University
Faculty: Faculty of Dentistry
Department: Fixed Prosthodontics

1- Course data:

Code: 1404 Fp

Course name: Clinical Fixed Prosthodontics

Study year: 4th year

Specialization: Bachelor of Dentistry

Teaching Hours:

Lecture: 1hour/week

Practical: 2hour/week

Number of units: 30

2- Course aims: -

The course aim to provide students with basic knowledge and skills to recognize information about advanced types of fixed partial denture.

3- Intended learning outcomes of course (ILOS): -

By the end of this course students should be able to :

a. Knowledge and understanding

- a.1 Express basis for practice management for different classification of partial coverage fixed dental prosthesis .
- a.2 Review out the principles of preparation of partial coverage fixed dental prostheses .
- a.3 Explain the students to deal with the clinical situation and applied materials .
- a.4 Recognize all the preventive procedures for infection control measures .
- a.5 Discuss the ethical and medico legal aspects relevant to the practice of dentistry.
- a.6 Identify different chair positions.
- a.7 Recognize the clinical steps of diagnosis
- a.8 Outline a proper treatment plan.
- a.9 Recognize all clinical steps of preparation of single crown .
- a.10 Identify a satisfactory impression

b. Intellectual skills

- b.1 Plan different types of partial coverage restoration.

- b.2 Inspect treatment plans for the patient need fixed dental prostheses.
- b.3 Distinguish the psychological aspects of anxious or apprehensive patient, in order to apply the appropriate behavioral management technique.
- b.4 Formulate effective solution in clinical **problems**.

c. Professional and practical skills

- c.1 Practice preparation for posterior 3/4 partial coverage restorations.
- c.2 Practice preparation for anterior 3/4 partial coverage restorations.
- c.3 Construct provisional restoration for single crown and bridge.
- c.4 Make preparation and construction of post and core in extracted single rooted tooth.

d. General and transferable skills

- d1. Manage appropriate professional communication skills with patients, colleagues, the rest of the dental team, and other relevant person or groups.
- d2. Utilize effectively different sources for continuing professional development and life-long learning.
- d3. Develop decisions based on sound ethical and scientific principles .
- d.4 Utilize information technology as a means of communication, for data collection and analysis, and for self-directed learning;
- d.5 Develop the basic concepts of quality assurance and practice management.

4- Course contents: -

S	Topics	Week
1	Preparation of anterior 3/4 crown.	1,2
2	Preparation of posterior 3/4 crown	3,5
3	Provisional restoration	6,7
4	Treatment of endodontically treated teeth	8,9,10
5	Pontic	11,12
6	Connector	13,14,15
7	Color science and shade selection	16,17,18
8	Laser	19,20
9	Tissue dilation & impression making	21,22,23
10	Fixed prosthodontic design for replacement of missing teeth	24,25,26
11	Metal-ceramic restoration	27,28
12	Occlusion	29,30

5- Teaching and learning methods:-

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Lecturing, visual presentation, power point presentation	√	√		
2	Practical demonstration, modeling, live samples			√	√

6- Teaching and learning methods of disables:-

None

7- Student assessment:-

a. Student assessment methods

S	Method	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Ongoing quiz assessments	√	√		
2	Written exam	√	√		
3	Oral exam	√	√		√
4	Practical exam		√	√	

b. Assessment schedule

S	Method	Week
1	Ongoing quiz assessments	January
2	Final Written exam	June
3	Oral examination	June
4	Practical examination	May

c. Weighting of assessments

S	Method	Weight
1	Ongoing quiz assessments	15 %
2	Final Written examination	40 %
3	Oral examination	15 %
4	Practical examination	30 %
	Total	100 %

8- List of references

S	Item	Type
1	Contemporary Fixed Prosthodontics, 5 th edition 2015 by Rosenstiel	Textbook
2	Fundamentals of fixed prosthodontics, 4 th edition 2012 by Herbert T. Shillingburg	Textbook

These books are available in faculty of dentistry library

9- Matrix of knowledge and skills of the course

S	Items	Details	Basic knowledge	Intellectual skills	Professional skills	General skills
1	Course contents	Preparation of posterior 3/4 crown	a1,a2	b1	c1	d1,d2,d3,d4,d5
		Preparation of anterior 3/4 crown	a1,a2	b1	c2	d1,d2,d3,d4,d5
		Tissue dilation & impression making	a4	b4	c3	d1,d2,d3,d4,d5
		Fixed prosthodontic design for replacement of missing teeth	a3	b2		d1,d2,d3,d4,d5
		Provisional restoration	a5	b4	c3	d1,d2,d3,d4,d5
		Connector	a6			d1,d2,d3,d4,d5
		Pontic	a6			d1,d2,d3,d4,d5
		Treatment of endodontically treated teeth	a7	b3	c4	d1,d2,d3,d4,d5
		Metal-ceramic restoration	a8			d1,d2,d3,d4,d5
		Occlusion	a3			d1,d2,d3,d4,d5
		Color science and shade selection	a9			d1,d2,d3,d4,d5
		Laser	a10			d1,d2,d3,d4,d5

Course Coordinator(s):

Prof Dr. Manal Abo Madina
Dr. Lamia Dawood

Head of department:

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