

## Faculty of Oral & Dental Medicine

### Clinical Crowns & Bridges

#### Information :

**Course Code :** PROS 525

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Oral & Dental Medicine

#### Instructor Information :

Title	Name	Office hours
Professor	Ashraf Hussien Abdel Fattah Sherif	
Associate Professor	SHEREEN AHMED ABDELMAQSoud NOSSAIR	6
Associate Professor	MOSTAFA ELSAYED MOHAMED ABOUSHAHBA	
Associate Professor	Mennatallah Mohieeldin Wahba Alyeldin Mohamed	
Lecturer	Omar Hussein Mohamed Abdelbary	
Assistant Lecturer	Sherine Osama Hussein Wahby Elebiary	
Assistant Lecturer	Amira Yehia Amin Mohamed EIKharadly	
Assistant Lecturer	Engy Ibrahim Hassan Shohdy Ibrahim Dahroug	
Assistant Lecturer	Mai Salah EIDin Abdel Azim Mohamed	
Assistant Lecturer	Heba Ahmed Hassan Elkhayat	
Assistant Lecturer	Hend Abd El Moniem Mohamed Ahmed	
Assistant Lecturer	Passant Bahaa eldin Abdallah Aly Soliman	
Assistant Lecturer	Hesham Samir Saad Sabet	
Teaching Assistant	Asmaa Ahmed Ibrahim Mohamed Montaser	
Teaching Assistant	Nourhan Amr Ahmed Amin Hathout	
Teaching Assistant	Ali Gamal Elsadawy Elaraby	
Teaching Assistant	Maya Khoweiled Abdelhalim Khoweiled	
Teaching Assistant	Nouran Tarek Mohamed El araby	
Teaching Assistant	Mostafa Gamal Mostafa korany Mostafa	
Teaching Assistant	Yasmin Bassel Sayed Yehia Khulief	
Teaching Assistant	Mohamed Hamdy Abdulmaguied Mohamed Atta Shrmans	
Teaching Assistant	Marco Ashraf Helmy Sedhom	
Teaching Assistant	Rim Wael Moustafa Fouad Elbalkimy	
Teaching Assistant	Saif Eldine Wael Mohamed Wagdy Gharib	
Teaching Assistant	Samer Shawky Mohamed Mohamed Ismail	
Teaching Assistant	Ahmed Waleed Abdelaziz Shaban	

#### Area Of Study :

- To educate the students about the basics of biological and periodontal considerations that should be followed during tooth preparation.
- To familiarize the student with different recent treatment modalities of varying difficulties.
- To enable students to detect the causes of fixed prosthodontic failure and their management.
- To make student acquainted with laser and its applications.
- To educate students about the care and maintenance aspect of the fixed restorations.
- To familiarize students with the principles of occlusion

**Description :**

restoration of endodontically treated teeth ,biological aspect ,periodontal aspect ,cements and cementation procedure ,esthetic consideration ,all ceramic restorations and checking and verification

**Course outcomes :**

**a.Knowledge and Understanding: :**

1 -	Relate the basics of diagnosis with the treatment planning of the badly broken and endodontically treated teeth
2 -	Recognize the biological and periodontal aspects of the restorative procedures
3 -	Describe the principles of occlusion as regards fixed prosthodontics.
4 -	Identify the principles and types of luting cements .
5 -	Explain the principles of ceramic strengthening and the different types of modern ceramic

**b.Intellectual Skills: :**

1 -	Manage badly broken down and endodontically treated teeth
2 -	Apply the protective measures during the steps of tooth preparation in order to fulfill biological and periodontal considerations
3 -	Assess properly the success and failure during the try in step

**c.Professional and Practical Skills: :**

1 -	Practice the steps of restoration of endodontically treated teeth
2 -	Perform properly the steps of tooth preparations taking into consideration the biological and periodontal aspects
3 -	Practice the different replacement options according to the selected bridge design considering occlusion principles
4 -	Appraise the quality of the final restoration during checking
5 -	Perform properly the different steps of cementation procedures

**d.General and Transferable Skills: :**

1 -	Patient Doctor relationship.
2 -	Demonstrate respect to all patients irrespective to their socioeconomic levels, cultures or religious beliefs
3 -	Provide appropriate basic patient education
4 -	Health-safety-infection control
5 -	Implement infection control policies
6 -	Life-long learning
7 -	Recognize of the value and role of life long learning, self assessment, and critical thinking in maintaining competency

8 -	Evaluate personal progress and be able to assess ones weakness and strengths.
9 -	ethical behavior and professionalism
10 -	Have an awareness of moral and ethical responsibilities involved in the provision of care to individual patients and community
11 -	Have integrity, honesty and trustworthiness
12 -	Meet patients needs and expectations
13 -	Treat the patient as a person not as a disease
14 -	- maintain a professional image in manner, dress, speech, and interpersonal relationship that is consistent with the health care international standards.
15 -	Skills related to social and community context of health care.
16 -	Recognize the Egyptian healthcare system and the community based resources and services available and to able to utilized them to provide high quality care to the patient and to the community.
17 -	Understand epidemiological techniques used to determine social, behavioral, environmental, and economic influences on oral and dental health
18 -	Share actively in heath promotion and disease prevention program that benefit the community

### **Course Topic And Contents :**

<b>Topic</b>	<b>No. of hours</b>	<b>Lecture</b>	<b>Tutorial / Practical</b>
Restoration of endodontically treated teeth	7	Biological Considerations	
Biological aspect	7	Periodontal Considerations	
Periodontal aspect	7	Restoration of Endodontically treated teeth	
Cements and cementation procedure	7	Restoration of Endodontically treated teeth	
All ceramic restorations	7	Cements and Cementation	
Checking and verification	7	Cements and Cementation	
Basics of occlusion	7	All Ceramic Restorations	

### **Teaching And Learning Methodologies :**

Lectures  
Lectures with discussion  
Panel of experts  
Brain storming  
Videotapes  
Class discussion  
Small group discussion  
case studies  
Role playing  
Report-Back session  
Worksheets/surveys  
Index card exercise  
Guest speaker  
Values clarification exercise  
Demonstrations

### **Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
Class work	20.00		Log Books to assess clinical skills
Final Written Exam	25.00		
Mid Term Examinations	30.00		assess knowledge and understanding
Oral Examination	10.00		assess knowledge and understanding
Practical Examination	15.00		assess clinical skills, intellectual and general skills

### **Course Notes :**

Department Books : available for all students.

### **Periodicals :**

rosenthal-Schillingburg-Jhonson-Tylman