

## Faculty of Oral & Dental Medicine

### Clinical Crowns & Bridges

#### Information :

**Course Code :** PROS 526

**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	7
Associate Professor	SHEREEN AHMED ABDELMAQSoud NOSSAIR	2
Lecturer	Omar Hussein Mohamed Abdelbary	
Assistant Lecturer	Hend Abd El Moniem Mohamed Ahmed	
Assistant Lecturer	Hesham Samir Saad Sabet	
Assistant Lecturer	Amira Yehia Amin Mohamed EIKharadly	
Assistant Lecturer	Sherine Osama Hussein Wahby Elebiary	
Teaching Assistant	Rim Wael Moustafa Fouad Elbalkimy	
Teaching Assistant	Marco Ashraf Helmy Sedhom	
Teaching Assistant	Mohamed Hamdy Abdulmaguied Mohamed Atta Shrmama	
Teaching Assistant	Yasmin Bassel Sayed Yehia Khulief	
Teaching Assistant	Nourhan Amr Ahmed Amin Hathout	

#### Area Of Study :

"To educate the students about the basics of laminate veneers and resin bonded fixed partial dentures : how to select the case , steps of tooth preparation and the different methods of construction .  
 "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 implant supported fixed restorations and its applications.  
 "To educate students about the care and maintenance aspect of the fixed restorations.  
 "To familiarize students with the principles of fixed prosthodontics removal and repair .  
 To educate the students about the basics of esthetic considerations

#### Description :

laminate veneers, resin bonded restorations, failures of fixed prosthodontics, esthetic considerations of fixed prosthodontics, implants, removal and repair of fixed prosthodontics.

#### Course outcomes :

##### **a.Knowledge and Understanding: :**

1 -	Relate the basics of diagnosis with the treatment planning of implant retained fixed restorations .
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2 -	Recognize the biological , mechanical and esthetic aspects of fixed prosthodontic failures and how to manage
3 -	Describe the principles of fixed prosthodontics removal and repair.
4 -	Identify the principles of esthetics and its achievement
5 -	Explain the principles of preparations, constructions and clinical applications of esthetic conservative restorations
6 -	Describe the care and maintenance procedures
<b>b.Intellectual Skills: :</b>	
1 -	Manage the different clinical situations to prepare and construct porcelain laminate veneers and resin bonded restorations .
2 -	Apply the protective measures during the steps of tooth preparation in order to fulfill esthetic and biological considerations of implant retained fixed prosthodontics .
3 -	Assess properly the success and failure of the final restorations and manage the failure
<b>c.Professional and Practical Skills: :</b>	
1 -	Practice the steps of restoration of porcelain laminate veneers
2 -	Practice the steps of restoration of of endodontically treated teeth with the different post crown systems .
3 -	Perform properly the steps of tooth preparations taking into consideration the biological and periodontal aspects to receive resin bonded restorations
4 -	Practice the different replacement options according to the selected bridge design
5 -	Appraise the quality of the final restoration and correct the imperfections or remake
6 -	Assess patient education as regard oral hygiene measures and post operative care.
<b>d.General and Transferable Skills: :</b>	
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 economic influences on oral and dental health	social, behavioral, environmental, and
18 -	Share actively in health promotion and disease prevention program that	benefit the community.

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Laminat Veneers	7	Laminat veneers	
Resin bonded restorations	7	Resin bonded restorations (Indications, Contraind	
Implant supported fixed prosthodontics .	7	Resin bonded restorations (Construction)	
Failures of fixed prosthodontics and how to manage .	7	Failures of fixed prosthodontics	
Esthetic considerations of fixed prosthodontics .	7	Failures of fixed prosthodontics	
Repair and Removal of fixed resorations	7	Esthetic considerations for fixed prosthodontics	
Care and maintenance	7	Implants and fixed prosthodontics	
Problem solving of special difficult cases	7	Implants and fixed prosthodontics	

**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 :**

Text books : rosenthiel-Schillingburg-Jhonson-Tylman