

Faculty of Oral & Dental Medicine

Clinical Crowns & Bridges

Information :

Course Code : PROS 424

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Associate Professor	MOSTAFA ELSAYED MOHAMED ABOUSHAHBA	
Assistant Lecturer	Heba Ahmed Hassan Elkhayat	

Area Of Study :

ÇTo educate the students about the basics of diagnosis and treatment planning.
 ÇTo familiarize the student with component parts of fixed partial denture.
 ÇTo understand the basics of selection of an appropriate fixed partial denture design .
 ÇTo enable the students to recognize and practice the different clinical steps from tooth preparation to final cementation of restorations.
 ÇTo enable students to be acquainted with the common infections and to practice principles of sterilization and infection control .

Description :

fixed prosthodontics design, connectors ,precision attachment ,color science & shade selection ,metal ceramic restoration and occlusion.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Identify the different restoration designs..
2 -	Explain all the steps concerning tooth preparation & construction of metal ceramic restorations .
3 -	Recognize the different types of connectors .
4 -	Employ the different types of precesion attachment .
5 -	Discuss the details of basics of color science .
6 -	Discuss the details of basics of occlusion .

b.Intellectual Skills: :

1 -	Identify the appropriate infection control and sterilization methods
2 -	Interpret the data obtained by the different bridge design selection.
3 -	Apply the most comfortable patient-Dentist chair position
4 -	Apply the different clinical steps involved in tooth preparation to receive metal ceramic restoration

c.Professional and Practical Skills: :

1 -	Select the proper bridge design ..
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2 -	Perform preparation for metal ceramic restoration
3 -	Examine properly the designs of dental connectors and precession attachment .
4 -	Perform proper color selection process .

d.General and Transferable Skills: :

1 -	-Patient ñ Doctor Relationship : ÇDemonstrate respect to all patients irrespective to their socioeconomic levels , cultures or religious beliefs ÇProvide appropriate basic patient education
2 -	- Health ñ Safety ñ infection control : ÇImplement infection control policies .
3 -	- Life ñ Long Learning : ÇRecognize of the value and role of life long learning self assessment , and critical thinking in maintaining competency . ÇEvaluate personal progress and be able to assess ones weakness and strengths .
4 -	- Ethical behavior and professionalism : ÇHave an awareness of moral and ethical responsibilities involved in the provision of care to individual patients and community .
5 -	- Have integrity , honesty and trustworthiness . ÇMeet patient's needs and expectations ÇTreat the patient as a person not as a disease ÇMaintain a professional image in manner , dress , speech , and interpersonal relationship that is consistent with the health care international standards .
6 -	- Skills Related to Social and Community Context of Health Care : ÇRecognize the Egyptian healthcare system and the community based resources and services available and to be able to utilize them to provide high quality care to the patient and to the community. ÇUnderstand epidemiological techniques used to determine social , behavioral , environmental , and economic influences on oral and dental health . ÇShare activity in health promotion and disease prevention programs that benefit the community

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Fixed Prosthodontics Design		Occlusion of teeth	
Connectors		Occlusion of teeth	
Precision Attachment		Fixed partial denture design	
Color Science & Shade Selection		Fixed partial denture design	
Metal ceramic restorations		Fixed partial denture design	
Occlusion		Connector s in 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 ñ Back session

Worksheets / surveys

Index card exercise

Guest speaker

Values clarification exercise

Demonstrations

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Examinations	15.00		assess knowledge and understanding
2nd Mid Term Examinations	15.00		assess knowledge and understanding
Final Written Examination	25.00		
Oral Examination	10.00		
Practical Examination	15.00		assess clinical skills , intellectual and general skills

Course Notes :

Available for students to purchase from the department

Recommended books :

Rosenthal ñ Schillingburg ñ Jhonson ñ tylman