

Faculty of Oral & Dental Medicine

Clinical Endodontics

Information :

Course Code : ENDO 514 **Level :** Undergraduate **Course Hours :** 2.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Professor	Riham Elsayed Abdlsalam Hassan	
Professor	Wael Hussein Kamel Elsayed Kamel Ahmed	
Associate Professor	MAHMOUD MOHAMED HUSSEIN MAHMOUD BADR	
Lecturer	AHMED AMR IBRAHIM ELWAKAD	
Lecturer	Dalia Abdel Fattah Abbas Sayed	1
Lecturer	MARWA MOATAZ IBRAHIM ABOUSHADI	0
Lecturer	Samar Talaat Mohamed Mohamed	
Assistant Lecturer	KHOLOUD MOHAMED EMAM TAHA EMAM	
Teaching Assistant	Mariam Essam Ismail Mahfouz Thabet	
Teaching Assistant	Mohamed Fawzy Mohamed Sayed	

Area Of Study :

- 1-Be competent in performing root canal treatment clinically in uncomplicated single and multi-canaled human permanent teeth with pulpal and peri-radicular including necrotic pulp with or without peri-radicular involvement.
- 2-Provide appropriate emergency treatment for the relief of symptoms associated with pulpal and peri-radicular diseases.
- 3-Provide management of endodontically treated teeth.
- 4-Be familiar with diagnosis and technical procedures involved in endodontic surgery
- 5-correlate endodontic treatment with other specialties
- 6-Consider the possibility of referral to a specialist in complicated cases

Description :

Understanding the Endodontic-periodontal relationship, restoring endodontically treated tooth, Surgical endodontics and Therapeutic In Endodontics. Clinical endodontic treatment of molar teeth

Course outcomes :

a.Knowledge and Understanding: :

1 -	state the anatomic pathways of communication between the dental pulp and the periodontium
2 -	Describe the effects of pulpal disease and endodontic procedures on the periodontium and vice versa
3 -	Describe requirements of an adequate restoration and how it protects longevity of endodontically treated teeth.
4 -	- Identify restorative options before commencing root canal treatment

5 -	- List indications and contraindication for endosurgery.
6 -	- List indications and steps for different flaps, sutures designs.
7 -	List different combinations, dosages of antibiotics for prescription.
b.Intellectual Skills: :	
1 -	- Select cases suitable for endodontic treatment.
2 -	Select suitable restoration materials according to the patient condition
3 -	Select appropriate management techniques for failed restorations according to principles.
4 -	Classify different types of analgesics
5 -	Judged quality of endodontically treated teeth for retreatment
6 -	Correlate between endo- and perio lesions for proper line of treatment
c.Professional and Practical Skills: :	
1 -	prepare the clinical operating position and field accurately (Either using the two hand technique or the four hand technique).
2 -	perform nonsurgical root canal treatment for anterior and premolar teeth
3 -	- take periapical radiographs using (direct and horizontal shift) and film processing for the clinical cases during endodontic treatment.
4 -	manage emergency case using supplemental anesthesia techniques
5 -	- write a prescription for managing endodontic pain and infections
6 -	refer patient to other medical or dental specialties if needed.
7 -	interpret the preoperative, working length determination, master cone and postoperative periapical radiographs.
d.General and Transferable Skills: :	
1 -	appreciate life-long learning and updates
2 -	Handle patients complaints professionally.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Endo-Perio relationship			
Endo-Surgery			
Non-surgical retreatment			
Restoration of Endodontically treated teeth			
Therapeutics			
Recent advances in endodontics			

Teaching And Learning Methodologies :

Lectures
Clinical training
Demonstrations
Small group discussion
E- learning

Course Notes :

Department notes available for all students on moodle.

Recommended books :

Cohen's Pathways of the pulp, 12th ed., 202

Web Sites :

pubmed