

Faculty of Oral & Dental Medicine

Oral Surgery & Anaesthesia

Information :

Course Code : OMF 411

Level : Undergraduate

Course Hours : 2.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Professor	Saleh Ahmed Saleh Ahmed	
Lecturer	MAHMOUD MOHSEN ELSAYED HASSAN ELARINI	23
Assistant Lecturer	Dina Ayman Fayek Gayed	
Assistant Lecturer	ARWA LOUAY ALY HOSNI	2
Assistant Lecturer	Khaled Mohie aldeen Abdalzahir Mohamed	
Teaching Assistant	Mahmoud Elsaeed Abdelhamed Elesawi	
Teaching Assistant	Kareem Gamel Abdelhamid Allam Youssef	

Area Of Study :

- 1) To educate students nerve supply for all maxillary and mandibular teeth.
- 2) To educate students dental pain pathway and methods of pain control.
- 3) To educate students pharmacology of local anesthetics and components of local anesthetic carpule.
- 4) To educate and train students in administering local anesthesia for the different dental and oral surgery procedures.
- 5) To educate students local and systemic complications of local anesthesia and their management.
- 6) Introduce the student to the basic principles and techniques of closed exodontia.
- 7) Enable the student to have intellectual and clinical skills in closed exodontias and minor oral surgical procedures based on an outpatient population.
- 8) Educate student in the basic principles of sterilization, disinfection and antisepsis and infection control of local anesthesia
- 9) Allow students to gain clinical experience in the physical examination of patients requiring minor oral surgery procedures
- 10) Educate students on medico-legal implications, appropriate use of professional ethics, attitudes, communication and problem solving skills

Description :

Introduction ,infection control, pain and pain pathway. Pharmacology ,techniques and complications of local anaesthesia, anatomical consideration and techniques of exodontia and aseptic technique.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Describe the physiologic mechanisms of pain modulation and pain control
2 -	Identify the mechanism of action of local anesthetics

3 -	Recognize the different local anesthetic solutions and vasoconstrictors
4 -	Describe the different local anesthetic techniques
5 -	Recognize the local and systemic complications of local anesthesia
6 -	Identify and list the armentarium needed for minor oral surgery procedures
b. Intellectual Skills: :	
1 -	Conceder and recommended the appropriate referral of patients for specialist advice or treatment.
2 -	Consider appropriately patients'rights, particularly with regard to confidentiality and valid consent, and of patients'obligations.
3 -	Interpret clinical laboratory data and special investigations to help formulate a proper diagnosis and treatment plan
c. Professional and Practical Skills: :	
1 -	Correctly perform an appropriate physical examination including intraoral and head and neck examination
2 -	Properly prepare the armentarium and the treatment environment for minor oral surgery procedures
3 -	Properly collect and record personal data, medical history and vital signs
4 -	Properly execute infection control and asepsis standards
5 -	Properly perform pre-anesthetic evaluation / premedication
6 -	Properly administer infiltration and block local anesthesia

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Scope of Oral and Maxillofacial Surgery	4		
Anatomical consideration, innervation, pain and pain pathway	4		
Pharmacology of Local anesthesia	4		
Local anesthetic techniques	4		
Local anesthetic complications	4		
Exodontia and its anatomical considerations	4		
Aseptic techniques	4		

Teaching And Learning Methodologies :

Lectures
Clinical and Small group sessions: . a. Clinical training (demonstration, skill practice, chair-side supervision) b. Tutorial classes (small group teaching, tutorial demonisteration, case Presentation, radiographic interpretation, hands on workshop)

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final term Examination	25.00		
Mid-term Examinations	30.00		knowledge and understanding
Mid-term Practical Examinations	20.00		assess Practical skills & general skills

Oral Examination	10.00		assess knowledge and understanding & general Intellectual skills
Practical Examination	15.00		

Course Notes :

- Teaching staff lecture notes handouts
- LCD projector (data show) and videotape

Recommended books :

- Contemporary Oral and Maxillofacial Surgery by Larry J. Peterson.
- Handbook of Local Anesthesia by Stanley F. Malamed
- Available in the library at the faculty of oral and dental medicine, Future University