

## Faculty of Oral & Dental Medicine

### Oral Surgery & Anaesthesia

#### Information :

**Course Code :** OMF 412

**Level :** Undergraduate

**Course Hours :** 2.00- Hours

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

#### Instructor Information :

Title	Name	Office hours
Professor	LOBNA ABDELAZIZ ALY AHMED	37
Associate Professor	Ahmed Mohamed Kamal Farid Abou Zekry	2
Lecturer	MAHMOUD MOHSEN ELSAYED HASSAN ELARINI	6
Lecturer	Aya Magdy Abdel Rady Elsayed Hussien	4
Assistant Lecturer	Ahmed El sayed Fahim El sayed	
Assistant Lecturer	Dina Ayman Fayek Gayed	
Teaching Assistant	Mahmoud Elsaheed Abdelhamed Elesawi	
Teaching Assistant	Shaimaa Reda Mostafa Aly	
Teaching Assistant	Kareem Gamel Abdelhamid Allam Youssef	

#### Area Of Study :

- 1) Learn the art of assessing patients and their suitability for all minor surgical procedures, by taking systematic history, including detailed medical history, thorough physical examination and the proper use of investigations.
- 2) Study and learn the methods and techniques employed to institute infection control measures, sterilization, asepsis and disinfection.
- 3) To educate and train students in administering local anesthesia for the different dental and oral surgery procedures.
- 4) To educate students local and systemic complications of local anesthesia and their management.
- 5) Introduce the student to the basic principles and techniques of closed exodontia.
- 6) Enable the student to have intellectual and clinical skills in closed exodontias and minor oral surgical procedures based on an outpatient population.
- 7) Enable the student to have intellectual and clinical skills in basic, complicated exodontias and minor oral surgical procedures based on an outpatient population.
- 8) Understand and give post-operative instructions and medications when necessary.
- 9) Learn about the intra-alveolar technique and the principles of forceps and elevators use.
- 10) Study the indications for trans-alveolar technique, the designing of flaps, the methods employed for bone removal and the different types of suture material.
- 11) Assess impacted teeth and how to treat it. How to design a muco-periosteal flap and to remove bone.

#### Description :

Surgical removal of teeth, complication of exodontias, impacted teeth, preprosthetic surgery and medical emergencies in the dental office.

#### Course outcomes :

**a. Knowledge and Understanding: :**

1 -	Discuss the indications and contra-indications of tooth extraction
2 -	Identify and list the armentarium needed for minor oral surgery procedures
3 -	Describe the techniques of forceps extraction and use of dental elevators for uncomplicated exodontia
4 -	Describe the principles of mucoperiosteal flap design and surgical removal of teeth
5 -	Recognize complications resulting from teeth extraction
6 -	Properly identify and diagnose impacted teeth that require removal
7 -	Describe surgical techniques for removal of impacted teeth & complications associated with surgical removal
8 -	Recognize and discuss the management of medical emergencies that may occur in the dental office

**b. Intellectual Skills: :**

1 -	Conceder and recommended the appropriate referral of patients for specialist advice or treatment.
2 -	Relate the advantages and disadvantages of relevant treatment plans with patients
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
7 -	Give postoperative instructions to the patient

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Surgical removal of teeth	20		
Complications of exodontias	10		
Impacted teeth	20		
Preprosthetic surgery	10		
Medical emergencies in the dental office	10		

**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		assess 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
- CD 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