

**Faculty of Oral & Dental Medicine**

**Oral Surgery & Anaesthesia & Maxillofacial**

**Information :**

**Course Code :** OMF 513

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

**Instructor Information :**

| Title               | Name                                      | Office hours |
|---------------------|---|--------------|
| Professor           | LOBNA ABDELAZIZ ALY AHMED                 |              |
| Professor           | Nelly Ibrahim Hammouda Ibrahim            |              |
| Associate Professor | Waleed Fathy Ali Esmael                   | 16           |
| Associate Professor | Waleed Fathy Ali Esmael                   | 16           |
| Lecturer            | MAHMOUD MOHSEN ELSAYED HASSAN ELARINI     |              |
| Lecturer            | Ahmed Mohamed Kamal Farid Abou Zekry      | 3            |
| Lecturer            | MAHMOUD MOHSEN ELSAYED HASSAN ELARINI     |              |
| Lecturer            | Aya Magdy Abdel Rady Elsayed Hussien      | 2            |
| Assistant Lecturer  | Ahmed Said Ahmed Ibrahim                  |              |
| Assistant Lecturer  | ESLAM NASHAAT SAYED AHMED MOHAMED         |              |
| Assistant Lecturer  | ARWA LOUAY ALY HOSNI                      |              |
| Assistant Lecturer  | Dina Ayman Fayek Gayed                    |              |
| Assistant Lecturer  | Ahmed El sayed Fahim El sayed             |              |
| Assistant Lecturer  | Khaled Mohie aldeen Abdalzahir Mohamed    |              |
| Assistant Lecturer  | MOHAMED FAROUK ABDELMOBDE AHMED           |              |
| Assistant Lecturer  | ESLAM NASHAAT SAYED AHMED MOHAMED         |              |
| Assistant Lecturer  | Khaled Mohie aldeen Abdalzahir Mohamed    |              |
| Teaching Assistant  | Mahmoud Elsaed Abdelhamed Elesawi         |              |
| Teaching Assistant  | Shahad Adel Abdelsameia Mahmoud Omara     |              |
| Teaching Assistant  | Omar Magdy Mohamed Elsayed Elawady        |              |
| Teaching Assistant  | Shaimaa Sabry Abdel Magid Elgemizy        |              |
| Teaching Assistant  | Osama Saeed Mohamed Ibrahim               |              |
| Teaching Assistant  | Mohamed Magdy Abdelrahim Mohamed Ahmed    |              |
| Teaching Assistant  | Mahmoud Elsaed Abdelhamed Elesawi         |              |
| Teaching Assistant  | Yasmeen Mahmoud Fathi Mahmoud             |              |
| Teaching Assistant  | Karim Yasser Abobakr Mahmoud Sayyed Ahmed |              |

**Area Of Study :**

- 1) To educate and train students in administering local anesthesia for the
- 2) different dental and oral surgery procedures
- 3) Introduce the student to the basic principles and techniques in oral and
- 4) maxillofacial surgery
- 5) Enable the student to have intellectual and clinical skills in basic,
- 6) complicated exodontias and minor oral surgical procedures based on an outpatient population.
- 7) Educate the student in the basic principles of sterilization, disinfection and
- 8) Allow students to gain clinical experience in the physical examination of patients requiring minor oral surgery procedures
- 9) Familiarize the student with the procedures most commonly provided by oral and maxillofacial surgeons

**Description :**

Maxillary sinus, traumatic injuries, management of oral infection, reconstructive surgery and cystic lesions.

**Course outcomes :**

**a. Knowledge and Understanding: :**

|     |  |
|-----|--|
| 1 - | Identify and list the armentarium needed for minor oral surgery procedures   |
| 2 - | Describe the techniques of forceps extraction and use of dental elevators for uncomplicated exodontia  |
| 3 - | Perform a clinical examination of the maxillary sinus  |
| 4 - | Describe the management of oroantral communications / fistula.   |
| 5 - | Recognize the causes of odontogenic infection, mechanisms, routes of spread of infection and principles of treatment within the scope of general dentist, & complications and management of odontogenic infections |
| 6 - | Identify and classify cysts and tumors involving the oral and maxillofacial region & Describe their surgical management  |
| 7 - | Describe the surgical management of facial truma.  |

**b. Intellectual Skills: :**

|     |   |
|-----|---|
| 1 - | Appraise life long learning, self assessment and professional development   |
| 2 - | Communicate and appraise clinical problems and treatment plans with other specialties involved in the treatment of patients |

**c. Professional and Practical Skills: :**

|     |   |
|-----|---|
| 1 - | Properly administer infiltration and block local anesthesia   |
| 2 - | Properly perform exodontia and basic minor oral surgery procedures including proper suturing technique                                |
| 3 - | Give postoperative instructions to the patient  |
| 4 - | Write appropriate prescription of drugs and monitor their effectiveness and safety particularly in the management of fear and anxiety |
| 5 - | Properly manage medical emergencies that may arise in the outpatient clinic   |
| 6 - | Properly manage an acute and chronic odontogenic infections .   |
| 7 - | Management of facial truma.   |

### **Course Topic And Contents :**

| <b>Topic</b>                           | <b>No. of hours</b> | <b>Lecture</b>               | <b>Tutorial / Practical</b> |
|--|---------------------|------------------------------|-----------------------------|
| Maxillofacial trauma                   | 11                  | Traumatic injuries           |                             |
| Management of odontogenic infection    | 7                   | Maxillary sinus              |                             |
| Management of oral and para-oral cysts | 9                   | Management of oral infection |                             |
| Reconstructive Surgery                 | 5                   | Reconstructive surgery       |                             |
| Maxillary sinus                        | 7                   | Cystic lesions               |                             |

### **Teaching And Learning Methodologies :**

Lectures

Clinical and Small group sessions

Clinical training ( demonstration, skill practice, chair-side supervision )

Tutorial classes ( small group teaching, tutorial demonstration, case presentation, radiographic interpretation, hands on workshop )

### **Course Assessment :**

| <b>Methods of assessment</b> | <b>Relative weight %</b> | <b>Week No</b> | <b>Assess What</b>   |
|------------------------------|--------------------------|----------------|--|
| Class work                   | 20.00                    |                | assess of clinical skills  |
| 1st Mid-term Examinations    | 15.00                    | 6              | assess knowledge and understanding                               |
| 2nd Mid-term Examinations    | 15.00                    | 11             | assess knowledge and understanding                               |
| Final written Examination    | 25.00                    |                |  |
| Oral Examination             | 10.00                    |                | assess knowledge and understanding & general intellectual skills |
| Practical Examination        | 15.00                    |                | assess Practical skills & general skills                         |

### **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