

## Faculty of Oral & Dental Medicine

### Oral and Maxillofacial Surgery

#### Information :

**Course Code :** OMFS 412

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

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

#### Area Of Study :

Enable the student to have intellectual and clinical skills in basic, complicated exodontias and minor oral surgical procedures based on an outpatient population, and to Administer infiltration and block local anesthesia

#### Description :

- 1 Trans-alveolar exodontia
- 2 Principals of using elevators
- 3 Complications of exodontia
- 4 Impacted teeth
- 5 Pre-prosthetic surgery
- 6 Medical emergencies in the dental office

#### Course outcomes :

##### **a. Knowledge and Understanding: :**

1 -	a1-Recall the indications and contra-indications of tooth extraction
2 -	a2- list the armentarium needed for minor oral surgery procedures
3 -	a3-Describe the techniques of forceps extraction and use of dental elevators for uncomplicated exodontia
4 -	a4- Identify the principles of mucoperiosteal flap design and surgical removal of teeth
5 -	a5- Recognize complications resulting from teeth extraction
6 -	a6 Diagnose impacted teeth that require removal
7 -	a7- Describe surgical techniques for removal of impacted teeth & complications associated with surgical removal
8 -	a8- State the management of medical emergencies that may occur in the dental office

##### **b. Intellectual Skills: :**

1 -	B1- Relate the advantages and disadvantages of relevant treatment plans with patients
2 -	B2- Interpret clinical laboratory data and special investigations for formulating a proper diagnosis and treatment plan

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

1 -	c1- Perform an appropriate physical examination including intraoral and head and neck examination
2 -	c2. Prepare the armentarium and the treatment environment for minor oral surgery procedures
3 -	c3. Record personal data, medical history and vital signs
4 -	c4- Execute infection control and asepsis standards

5 -	c5- Perform pre-anesthetic evaluation / premedication
6 -	c6- Administer infiltration and nerve block local anesthesia
7 -	c7- Give postoperative instructions to the patient

**d.General and Transferable Skills :**

1 -	D1.Work in a team,
2 -	D2 Manage time efficiently.
3 -	D3. Communicate properly with patients

**Course Topic And Contents :**

Topic	No. of hours	Lecture	Tutorial / Practical
Surgical removal of teeth	6	2	4
Impacted teeth	9	3	6
Complications of exodontias	6	2	4
Preprosthetic surgery	6	2	4
Medical emergencies in the dental office	9	3	6

**Teaching And Learning Methodologies :**

Clinical and Small group discussion :

4.2- Clinical and Small group discussion : . 4.3- Clinical training ( demonstration, skill practice, chair-side supervision )

Tutorial classes ( small group teaching, tutorial demonisteration, case presentation, radiographic interpretation)

E-learning

4.1- Lectures

**Course Assessment :**

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid-term Examinations	10.00	4	assess knowledge and understanding
2nd midterm exam	20.00	10	assess knowledge and understanding
Class work	20.00	1	assess Practical skills & general skills
final written	25.00	16	assess knowledge and understanding
oral exam	10.00	16	knowledge and understanding & general intellectual skills
practical examination	15.00	15	assess Practical skills & general skills

**Course Notes :**

Teaching staff lecture notes handouts, ppt presentation, recorded lectures ) uploaded on Moodle.

**Recommended books :**

Contemporary Oral and Maxillofacial Surgery by James Hupp.ed.7.2018.Elsevier  
Handbook of Local Anesthesia by Stanley F. Malamed. Ed.7.2020.Elsevier

**Web Sites :**

EKB