

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 :

- 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 using of investigations.
- 2) learn the methods and techniques employed for instituting infection control measures, sterilization, asepsis and disinfection.
- 3) educate students in administering local anesthesia for the different dental and oral surgery procedures.
- 4) enable the student to have intellectual and clinical skills in basic, complicated exodontias and minor oral surgical procedures based on an outpatient population.
- 5) learn about the intra-alveolar technique and the principles of forceps and elevators use.
- 6) study the indications for trans-alveolar technique, the designing of flaps, the methods employed for bone removal and the different types of suture material.
- 7) assess impacted teeth management as regard diagnosis, design mucoperiosteal flap and bone removal .

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
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- 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 armamentarium 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 demonstration, case presentation, radiographic interpretation)

E-learning

4.1- Lectures

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Class work	20.00	1	assess Practical skills & general skills
1st Mid-term Examinations	10.00	4	assess knowledge and understanding
2nd midterm exam	20.00	10	assess knowledge and understanding
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
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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