

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 |
| Lecturer | Aya Magdy Abdel Rady Elsayed Hussien | 4 |
| Assistant Lecturer | Dina Ayman Fayek Gayed | |
| Assistant Lecturer | Ahmed El sayed Fahim El sayed | |
| 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: :

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| 1 - | Discuss the indications and contra-indications of tooth extraction |
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| 2 - | Identify and list the armamentarium 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: :

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| 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: :

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| 1 - | Correctly perform an appropriate physical examination including intraoral and head and neck examination |
| 2 - | Properly prepare the armamentarium 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 |

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|---------------------------------|-------|--|--|
| 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