

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Maxillofacial Surgery I
Course number	DENT5203
Faculty	
Department	
Course type	College Needs
Course level	5
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- 1 - Educate students o medico-legal implications, appropriate use of professional ethics, attitudes, communication and problem solving skills.
- 2 - Introduce the student to the basic principles and technique in oral and maxillofacial surgery.
- 3 - Allow students to gain clinical experience in undertaking and recording case history and performing physical examination.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Describe the emergency treatment of the patient who have sustained facial trauma. * Describe the principles of assessment and treatment of oral and maxillofacial trauma. * Recognize the causes of odontogenic infection, mechanisms, routes of spread of infection and principles of treatment within the scope of a general dentist. * Recognize complications and management of odontogenic infection. * Define, diagnose facial and typical facial pain, describe mechanism of myofacial pain, methods of treatment and management of orafacial pain. * Properly obtain an informed consent where necessary though the intermediate consent of a parent, guardian or attendant.
Intellectual Skills	<ul style="list-style-type: none"> * Identify patients for simple impacted tooth, preprosthetic surgeries , endodontic surgeries * Identify trauma on radiographs
Professional Skills	<ul style="list-style-type: none"> * Should develop skills for identifying and managing trauma patients under the supervision of staff

Course Contents

- 1 - Maxillofacial trauma. Etiology, classification, examination, emergency care of trauma patient, diagnosis and treatment of fracture mandible, maxilla, zygoma, condyle.
- 2 - Maxillofacial trauma. Etiology, classification, examination, emergency care of trauma patient, diagnosis and treatment of fracture mandible, maxilla, zygoma, condyle.
- 3 - Maxillofacial trauma. Etiology, classification, examination, emergency care of trauma patient, diagnosis and treatment of fracture mandible, maxilla, zygoma, condyle.
- 4 - Infection of maxillofacial region. Etiology, surgical bacteriology, acute infection, chronic infection, general management antibiotics, chronic Periapical infection and their treatment.
- 5 - Infection of maxillofacial region. Etiology, surgical bacteriology, acute infection, chronic infection, general management antibiotics, chronic Periapical infection and their treatment.
- 6 - Infection of maxillofacial region. Etiology, surgical bacteriology, acute infection, chronic infection, general management antibiotics, chronic Periapical infection and their treatment.
- 7 - Infection of maxillofacial region. Etiology, surgical bacteriology, acute infection, chronic infection, general management antibiotics, chronic Periapical infection and their treatment.
- 8 - Principles of Endodontic surgery. Drainage of an abscess, Periapical surgery.
- 9 - Orofacial pain. Etiology, character of pain, neuralgias, differential diagnosis, myofacial pain, management of pain.
- 10 - Management of hospitalized patients.
- 11 - Professional ethics and medico-legal implications. Ethics, attitude, patients right, communication and problem solving skills.

Teaching and Learning Methods

- 1 - Lectures
- 2 - Power point
- 3 - Discussion
- 4 - Assignments

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
mid- term exam and assignments	8th week	40%
final exam	16th week	60%

Books and References

Essential books	Contemporary Oral and Maxillofacial Surgery	2014	James R. Hupp
	Petersons Principles of Oral and Maxillofacial Surgery	2012	Michael Miloro
Recommended books	Ferraros Fundamentals of Maxillofacial Surgery	2013	P. J. Taub