

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Oral Surgery I Lab
Course number	DENT4103
Faculty	
Department	
Course type	College Needs
Course level	4
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - Introduce the student to the basic principles and techniques in oral and maxillofacial surgery
- 2 - Enable the student to have intellectual, clinical and problem solving skills in basic, complicated exodontia and minor oral surgical procedures based on an outpatient population.
- 3 - Allow student to gain clinical experience in undertaking, and recording case history and performing physical examination of patient requiring minor oral surgery.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Discuss the indications and contra-indications of tooth extraction * Describe the technique of forceps extraction and use of dental elevators for uncomplicated exodontia. * Identify and list the armamentarium needed for minor oral surgery procedures * Describe the principles of mucoperiosteal flap design and surgical removal of teeth. * Recognize complications resulting from teeth extraction.
Intellectual Skills	<ul style="list-style-type: none"> * Identify Medically compromised patients * Identify tooth for extraction * Identify possible complication
Professional Skills	<ul style="list-style-type: none"> * Should develop skills for identifying and managing medically compromised patients * Should develop skills for administering LA and perform extraction for all the teeth

Course Contents

- 1 - Preoperative health status evaluation
- 2 - Management of medically compromised patients. Pathophysiology, recognition, prevention, and management
- 3 - Management of medically compromised patients. Pathophysiology, recognition, prevention, and management
- 4 - Prevention and management of medical emergencies. Emergency means and measures.
- 5 - Anatomical consideration and exodontia.
- 6 - Introduction, to exodontia, mechanical principles, preoperative assessment, armamentarium sterilization and care of instruments, forceps extraction and complication.
- 7 - Anatomical consideration and exodontia.
- 8 - Anatomical consideration and exodontia.
- 9 - Surgical exodontia and complication of exodontia. Tooth sectioning, elevators principles, suturing, bone removal, care of wound and complication.
- 10 - Surgical exodontia and complication of exodontia. Tooth sectioning, elevators principles, suturing, bone removal, care of wound and complication.
- 11 - Principles of surgery. Incisions, Flap design, Tissue handling, Aseptic technique
- 12 - Prophylactic and therapeutic use of antibiotic in dentistry.

Teaching and Learning Methods

- 1 - Preclinical Practice

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
practical requirements and quizzes	during semester	50%
final practical exam		50%

Books and References

Essential books	Contemporary oral and maxillofacial surgery	2008	James R. Hupp, Edward Ellis, Wyron R. Tucker
Recommended books	Petersons Principles of oral and maxillofacial surgery	2012	Michael Uilor, G. E Ghali, Peter Larsen, Perter Waite