

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Dental Anesthesia & Infection Control Lab
Course number	DENT3109
Faculty	
Department	
Course type	College Needs
Course level	3
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - To educate and train students in administering local anesthesia for deferent dental and oral surgery procedure
- 2 - educate the student in the basic principles of sterilization , disinfection and aseptic practice

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * properly prepare the armamentarium and the treatment environment for local anesthesia and minor oral surger * properly execute infection control and asepsis standards * properly prepare and drape a patient for a minor oral surgery procedure * distinguish between surgically clean and sterile surgical fields * properly administer infiltration and block local anesthesia
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Course Contents

- 1 - Anatomical considerations I
- 2 - Anatomical considerations II
- 3 - Neurophysiology of pain
- 4 - Sterilization and Infection Control
- 5 - Local anaesthesia I
- 6 - Local anaesthesia II
- 7 - Pharmacology of LA
- 8 - Armanterium
- 9 - Techniques of maxillary anaesthesia I
- 10 - Techniques of maxillary anaesthesia II
- 11 - Techniques of mandibular anaesthesia I
- 12 - Techniques of mandibular anaesthesia II
- 13 - Complications of LA

Teaching and Learning Methods

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| 1 - Power point lectures |
| 2 - Clinical discussions & demonstrations on patients/live models |
| 3 - Clinical sessions under supervision by staff |

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Mid- term exam and activites	7th week	30%
Oral exam	14th week	20%
Final practical examination	14th week	50%

Books and References

Essential books	Handbook of Local Anaesthesia- Malamed- 6th edition
Recommended books	Local Anaesthesia in Dentistry by J. A. Baart and H. S. Brand. 2008
	Manual of Local Anaesthesia in Dentistry by A.P. Chitre. 2006.
	Local Anaesthesia in Dentistry by Paul D. Robinson PhD BDS MBBS FDS, Thomas R. Pitt Ford PhD BDS FDS, and Fraser McDonald PhD MSc BDS FDS MOrth. 2000