

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Oral Histology
Course number	DENT2202
Faculty	
Department	
Course type	College Needs
Course level	2
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 -	Have knowledge of various dental histological structure and nomenclature.
2 -	Give a detailed Information about the histology of normal tooth hard tissues and the embryology of them.
3 -	Identify healthy tooth hard structure and histological findings.
4 -	Make use of acquired knowledge and skills in later preclinical and clinical courses.
5 -	Discuss/communicate with patients and colleagues and teachers using professional terminology.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * Have knowledge of various dental histological structure and nomenclature. * Make use of acquired knowledge and skills in later preclinical and clinical courses.
Intellectual Skills	<ul style="list-style-type: none"> * Identify healthy tooth hard structure and histological findings.
Professional Skills	<ul style="list-style-type: none"> * Give a detailed Information about the histology of normal tooth hard tissues and the embryology of them.
General Skill	<ul style="list-style-type: none"> * Discuss/communicate with patients and colleagues and teachers using professional terminology.

Course Contents

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| 1 - Oral mucosa
2 - Dentogingival junction
3 - Salivary glands
4 - Tooth eruption
5 - Maxillary sinus
6 - Development and growth of teeth
7 - Enamel
8 - Dentin
9 - Pulp
10 - Cementum
11 - Periodontal ligaments
12 - The alveolar bone and jaws |
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Teaching and Learning Methods

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| 1 - power point slides
2 - discussions
3 - assignments |
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
midterm exam	7th week	50
final exam	14th week	50

Books and References

Course note oral histology department members

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
oral mucosa + dentogingival junction	1st , 2nd week	understand the structure , types and functions of the oral mucosa	realize the differences between the types of oral mucosa realize the process of dentogingival junction formation	have a clear idea about the oral mucosa and dentogingival junction	improve the students ability of discussion and observation
Salivary gland	3rd week	understand the structure of salivary gland understand the classification of salivary gland	realize the differences between the different types of salivary gland realize the functions of saliva	have a clear idea about the secretory system of salivary gland	improve the students ability of observation
tooth eruption	4th week	understand the process of eruption	realize the different factors affect the process of eruption	have a clear idea about tooth eruption	improve the students ability of observation
maxillary sinus	5th week	understand the structure and formation of the maxillary sinuses	realize the function of the maxillary finction	have a clear idea about the the maxillary sinus histologically	improve the students ability of logical thinking
Development and growth of teeth	6th ,8th week	under stand the mechanism of teeth growth	realize the different histological changes occur during the growth and development of teeth	have a clear idea about the teeth development have a clear idea about developmental disturbances related to the histological development of teeth	improve the students ability of linking information
enamel	9th week	understand the composition of enamel under stand the process of amelogenesis	realize the different aspects of the amelogenesis process	have a clear idea about the enamel from a histological point of view	improve the students ability of observation
dentin	10th week	understand the composition of dentin under stand the process of dentinogenesis	realize the different aspects of the dentinogenesis process realize the function of dentin realize the different types of dentin	have a clear idea about the dentin from a histological point of view	improve the students ability of observation

pulp	11th week	understand the composition of pulp under stand the process of pulp formation	realize the different functions of the pulp	have a clear idea about the pulp from a histological point of view	improve the students ability of observation
Cementum+periodontal ligament	12th week	understand structure and composition of cementum understand structure and composition of periodontal ligament	realize the functions of cementum realize the different types of cementum realize the functions of periodontal ligament realize the different types of periodontal ligament	have a clear idea about the periodontium	improve the students ability of observation
alveolar bone	13th week	understand the structure and composition of alveolar bone	differentiate between the types of alveolar bone realize the function of the alveolar bone	have a clear idea about the alveolar bone	improve the students ability of logical thinking