

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Oral Histology Lab
Course number	DENT2118
Faculty	
Department	
Course type	College Needs
Course level	2
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

1 - ?	Understanding the process of tooth development and different stages (Dental lamina,Cap stage,Early Bell stage,Late bell stage)
2 - ?	Ability to identify different tooth tissue(Enamel, Dentin,cementum)
3 - ?	Knowing the different chemical and physical properties of each tissue of the tooth.
4 - ?	Knowing the age change of each tissue of the tooth and clinical correlation .
5 - ?	Ability to identify any slide and identification of contents.

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * ? Understanding the process of tooth development and different stages (Dental lamina,Cap stage,Early Bell stage,Late bell stage) * ? Knowing the different chemical and physical properties of each tissue of the tooth. * ? Knowing the age change of each tissue of the tooth and clinical correlation .
Professional Skills	<ul style="list-style-type: none"> * ? Ability to identify different tooth tissue(Enamel, Dentin,cementum) * ? Ability to identify any slide and identification of contents.
General Skill	<ul style="list-style-type: none"> * improve the students ability of observation * improve the students ability of discussion

Course Contents

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| 1 - oral mucosa +dentogingival junction |
| 2 - salivary gland |
| 3 - tooth development +tooth eruption |
| 4 - maxillary sinus |
| 5 - enamel |
| 6 - dentine |
| 7 - pulp |
| 8 - cementum+periodontal ligament |
| 9 - alveolar bone |

Teaching and Learning Methods

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| 1 - power point slides |
| 2 - histological slides |
| 3 - discussions |

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
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Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
oral mucosa +dentogingival junctions	1st week	understand the basic components of the oral mucosa and dentogingival junctions histologically be familiar with the histological slides of oral mucosa and dentogingival junction	realize the histological differences between the different types of oral mucosa	identify the oral mucosa and dentogingival junctions histologically	improve the students ability of observation
salivary gland	2nd week	understand the basic components of the salivary glands histologically be familiar with the histological slides of salivary gland	realize the histological differences between the different types of salivary gland	identify the salivary gland histologically	improve the students ability of observation
tooth eruption +tooth development	3rd ,4th week	understand the histological changes related to the tooth eruption process be familiar with the histological slides of tooth eruption process	realize the histological differences between the different stages of tooth eruption, development process	identify the the different stages of tooth eruption, development proces histologically	improve the students ability of observation
maxillary sinus	5th week	understand the basic components of the maxillary sinus histologically be familiar with the histological slides of maxillary sinus	realize the histological features of maxillary sinus	identify the maxillary sinus histologically	improve the students ability of observation
enamel	6th week	understand the basic components of the enamel histologically be familiar with the histological slides of enamel	realize the histological features of enamel	identify the enamel histologically	improve the students ability of observation

dentin	8th week	understand the basic components of the dentin histologically be familiar with the histological slides of dentin	realize the histological features of dentin	identify the dentin histologically	improve the students ability of observation
pulp	9th week	understand the basic components of the pulp histologically be familiar with the histological slides of pulp	realize the histological features of pulp	identify the pulp histologically	improve the students ability of observation
cementum +periodontal ligaments	10th , 11th week	understand the basic components of cementum +periodontal ligaments histologically be familiar with the histological slides of cementum +periodontal ligaments	realize the histological features of cementum +periodontal ligaments	identify the cementum +periodontal ligaments histologically	improve the students ability of observation
alveolar bone	12th , 13th week	understand the basic components of alveolar bone histologically be familiar with the histological slides of alveolar bone	realize the histological features of alveolar bone	identify the alveolar bone histologically	improve the students ability of observation