

Faculty of Oral & Dental Medicine

Oral Histology

Information :

Course Code : HPT 221 **Level :** Undergraduate **Course Hours :** 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

Title	Name	Office hours
Professor	Mona Fathy Abdel Maksoud Eldeeb	13
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	5
Assistant Lecturer	Esraa Gamal Hassan Mohamed	2
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	2
Teaching Assistant	Esraa Belal Mohamed Hamed Ramadan	

Area Of Study :

- ”To keep pace with recent advances in oral biology.
- ”To provide an expanded knowledge about histology, embryology and physiology of oral and dental tissues.
- ”To serve as a basis for understanding the clinical courses such as oral pathology, oral surgery and oral medicine etc
- ”To enable the development and application of appropriate professional attitude as well as communication and practical skills of the students.

Description :

tooth development (bud stage, cap stage, bell stage, appositional stage.)
 Enamel, dentin, cementum and pulp
 longitudinal and transverse section of enamel, dentin, cementum.)
 decalcified section of the pulp

Course outcomes :

a.Knowledge and Understanding:

1 -	Define the different oral and para oral structures..
2 -	Describe embryology of oral and para oral tissues.
3 -	Identify and draw both hard and soft oral tissues..
4 -	Describe the structure and the function of different oral and para oral tissues.
5 -	Differentiate between different hard dental and soft oral tissues
6 -	Explain the clinical significance associated with certain oral and para oral structures.
7 -	Describe the histological age changes of oral and para oral tissues..

b.Intellectual Skills:

1 -	Differentiate between the different oral and para oral tissues..
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2 -	Distinguish any abnormalities that might affect the normal oral and para oral tissues.		
c. Professional and Practical Skills: :			
1 -	Use the light microscope properly.		
2 -	Identify the different oral tissues using the light microscope.		
3 -	Draw the histological structure of oral and para oral tissues.		
4 -	Understand the technical steps for preparation of tooth ground and as well as the main histological and histochemical stains..		decalcified microscopic sections
d. General and Transferable Skills: :			
1 -	Communicate effectively with colleagues , staff members and helping personnel.		
2 -	Demonstrate appropriate professional attitude		
3 -	Behavior in different situations		

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Tooth development	15		
Enamel	12		
Dentin	11		
Cementum	8		
Pulp	8		
Shedding	4		
Eruption	6		

Teaching And Learning Methodologies :

Lectures.		
Practical		
Small group sessions		
Student draw in their practical books under supervision of the responsible in small subgroups		staff members and helping personnel

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid-term Examination	15.00		assess knowledge and understanding
2nd Mid-term Examination	15.00		assess knowledge and understanding
Final written Examination	25.00		
Oral Examination	10.00		knowledge and understanding and attitude
Practical Examination	15.00		assess practical skills & intellectual skills & general skills
Semester Work	20.00		

Course Notes :

- ~All lectures are available for students from the faculty as a soft copy.
- ~Textbooks : Mary Bath-Balogh, Margaret J. Fehrenbach, Dental Embryology Histology and anatomy 2th Edition ,2006
- ~Websites related to the study subject
- ~Overhead projectors, slides and computer presentations used during teaching