

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
Associate Professor	Rehab Ali Abdul Moneim Ahmed Abdelaaty	4
Associate Professor	Mona Fathy Abdel Maksoud Eldeeb	5
Associate Professor	Amany Ahmed Rabee Mohamed Osman	2
Lecturer	RANEEM FAROUK MOHAMED ADEEB OBEID	2
Lecturer	Fatma Adel Saad Mohamed Habib	2
Lecturer	Radwa Taher Mostafa Mohamed Elsharkawy	2
Assistant Lecturer	Mai Hamdi Mohamed Emad Eddin El Akkad	
Assistant Lecturer	Nehad Mostafa Abd El Monsif Mostafa	1
Teaching Assistant	Esraa Mohamed Abdelmoniem Ahmed Mahmoud Elmalt	
Teaching Assistant	Esraa Gamal Hassan Mohamed	
Teaching Assistant	Loaa Diao Eldin Abd Elsameea Mahmoud	
Teaching Assistant	Asmaa Khairy Hamza Mohamed Taha	
Teaching Assistant	Dina Maged Said Eldahrawy	
Teaching Assistant	Aya Mohamed Reyad Ismaeil AbuHussein	
Teaching Assistant	Yasmine Mohamed Hasan Elghazawy	

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..
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 decalcified microscopic sections as well as the main histological and histochemical stains..

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 staff members and helping personnel in small subgroups

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		

Books :

Book	Author	Publisher
Illustrated Dental Embryology, Histology, and Anatomy	MaryBath-Balogh	Elsevier

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 studysubject
- Overhead projectors, slides and computer presentations used during teaching