

Faculty of Oral & Dental Medicine

Human Dentition

Information :

Course Code : HPT 112

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	2
Associate Professor	Radwa Taher Mostafa Mohamed Elsharkawy	8
Associate Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	6
Associate Professor	Radwa Taher Mostafa Mohamed Elsharkawy	8
Associate Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	6
Associate Professor	Radwa Taher Mostafa Mohamed Elsharkawy	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	6
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	2
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	2
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	3
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	1
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	3
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	1
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	3
Assistant Lecturer	Esraa Gamal Hassan Mohamed	
Teaching Assistant	Mahmoud Essam Mahmoud Abdelmoneim Mohamed	2
Teaching Assistant	Sara Mohamed Abdel Wahab Khalil	
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	
Teaching Assistant	Mai Amer Abdeallah Attia Elsayed Elhanfi	
Teaching Assistant	Mai Amer Abdeallah Attia Elsayed Elhanfi	
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	

Area Of Study :

- To promote advanced knowledge about dental anatomy and physiology.
- To provide expanded knowledge about human dentition.
- To serve as a basis for understanding the clinical course such as Pedodontics, Orthodontics, Operative dentistry, Endodontics as well as prothodontics and crown and bridges

Description :

Morphology of posterior teeth, occlusion of permanent and deciduous teeth, physiology tooth form protecting the peridontium , general considerations in the physiology of the permanent teeth

Course outcomes :

a. Knowledge and Understanding: :

1 -	Define the different parts of the oral cavity
2 -	Describe macro and micro anatomy of the teeth
3 -	Select the appropriate tooth identification system needed in any dental
4 -	Define the anatomical landmarks of the crowns of teeth
5 -	Draw and describe the morphological feature of different type of teeth and
6 -	Identify both deciduous and permanent teeth and memorize the chronology
7 -	the chronology
8 -	Describe the anatomical changes induced in the mandible by age.
9 -	State the significance of physiologic tooth form in protecting the
10 -	Describe the different curves to which the arrangement of teeth conform to
11 -	Describe the relation of maxillary and mandibular teeth in normal centric

b. Intellectual Skills: :

1 -	Differentiate between the deciduous and permanent human teeth.
2 -	Predict the approximate age of a human being according to the condition of his teeth.
3 -	Distinguish any abnormalities in human teeth as well as in their occluding relations.

c. Professional and Practical Skills: :

1 -	Draw the morphology of different types of human teeth
2 -	Create the normal shape and size of different permanent human teeth by carving.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Surface anatomy of upper first molar	5	Surface anatomy of upper first molar	Surface anatomy of lower first molar
Surface anatomy of upper second and third molar	5	Surface anatomy of upper second and third molar	Surface anatomy of lower second and third molar
Surface anatomy of lower first molar	5	Surface anatomy of lower first molar	Surface anatomy of lower first molar

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Surface anatomy of lower second and third molar	5	Surface anatomy of lower second and third molar	Surface anatomy of lower second and third molar
Differences between permanent and deciduous dentition and Surface anatomy of deciduous anterior teeth	5	Differences between permanent and deciduous dentition	Differences between permanent and deciduous dentition
Surface anatomy deciduous molars	5	Surface anatomy deciduous molars	Surface anatomy deciduous molars
Effect of physiologic form on periodontium	5	Effect of physiologic form on periodontium	Effect of physiologic form on periodontium
Centric occlusion	5	Centric occlusion	Centric occlusion
Centric occlusion	5	Centric occlusion	Centric occlusion
Teeth at different ages	5	Teeth at different ages	Teeth at different ages
Mandible at different ages and compensatory curves	5	Mandible at different ages and compensatory curves	Mandible at different ages and compensatory curves
revision	5	revision	Revision

Teaching And Learning Methodologies :

Small group sessions.
 Small group teaching
 Computer projections
 Videotapes
 Lecture using power point, slides and overhead.
 Report back session
 Lectures with discussions

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Final Examination	25.00		
Mid-term Examination	30.00		
Oral Examination	10.00		
Practical Examination	15.00		
Semester Work	20.00		

Course Notes :

All lectures are available for students as a soft copy from the faculty

Recommended books :

- All New models for different types of teeth , skills & mandibles (at different ages)
- All Data show with camera
- All Videotaps & CD-ROM containing topics & presentations in dental anatomy & physiology

Periodicals :

Web Sites