

Faculty of Oral & Dental Medicine

Human Dentition

Information :

Course Code : HPT 111

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
Professor	Mona Fathy Abdel Maksoud Eldeeb	2
Associate Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	11
Associate Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	Radwa Taher Mostafa Mohamed Elsharkawy	6
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	11
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	Esraa Gamal Hassan Mohamed	4
Assistant Lecturer	Yasmine Mohamed Hasan Elghazawy	3
Assistant Lecturer	Aya Mohamed Reyad Ismaeil AbuHussein	5
Assistant Lecturer	Esraa Gamal Hassan Mohamed	4
Assistant Lecturer	Esraa Gamal Hassan Mohamed	4
Teaching Assistant	Mahmoud Essam Mahmoud Abdelmoneim Mohamed	4
Teaching Assistant	Mai Amer Abdeallah Attia Elsayed Elhanfi	
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	
Teaching Assistant	Mai Amer Abdeallah Attia Elsayed Elhanfi	
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	
Teaching Assistant	Sara Mohamed Abdel Wahab Khalil	

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 :

Dental nomenclature. Development and chronology of all teeth. Morphology of anterior teeth and premolars.

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 practice.
4 -	Define the anatomical landmarks of the crowns of teeth.
5 -	Draw and describe the morphological feature of different type of teeth and their pulp cavities.
6 -	Identify both deciduous and permanent teeth and memorize the chronology
7 -	Describe the anatomical changes induced in the mandible by age.
8 -	State the significance of physiologic tooth form in protecting the peridontium .
9 -	Describe the different curves to which the arrangement of teeth conform to
10 -	Describe the relation of maxillary and mandibular teeth in normal centric occlusion as well as during different mandibular movements

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.

d.General and Transferable Skills: :

1 -	Introduction about the oral cavity and Teeth
2 -	The dentition of human being
3 -	Tooth anatomy
4 -	Line and point angles
5 -	Tooth identification systems
6 -	Anatomical landmarks of the crowns.
7 -	Life history of human tooth
8 -	Surface anatomy of permanent anterior teeth.
9 -	Surface anatomy of premolar
10 -	Geometric outlines of the crowns and their significance

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction about the oral cavity and	5	Introduction	Introduction

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction	5	Introduction	Introduction
Surface anatomy of upper central incisor	5	Surface anatomy of upper central incisor	Surface anatomy of upper central incisor
Surface anatomy of upper lateral incisor	5	Surface anatomy of upper lateral incisor	Surface anatomy of upper lateral incisor
Surface anatomy of lower central and lateral incisors	5	Surface anatomy of lower central and lateral incisors	Surface anatomy of lower central and lateral incisors
Surface anatomy of upper canine	5	Surface anatomy of upper canine	Surface anatomy of upper canine
Surface anatomy of lower canine	5	Surface anatomy of lower canine	Surface anatomy of lower canine
Surface anatomy of upper first premolar	5	Surface anatomy of upper first premolar	Surface anatomy of upper first premolar
Surface anatomy of upper second premolar	5	Surface anatomy of upper second premolar	Surface anatomy of upper second premolar
Surface anatomy of lower first premolar	5	Surface anatomy of lower first premolar	Surface anatomy of lower first premolar
Surface anatomy of lower second premolar	5	Surface anatomy of lower second premolar	Surface anatomy of lower second premolar

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		
Oral Examination	20.00		
Practical Examination	15.00		

Course Notes :

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

Recommended books :

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