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
Associate Professor	Radwa Taher Mostafa Mohamed Elsharkawy	6
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	11
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
Teaching Assistant	Esraa El Sayed Abdelaziz Abdelrahman	

Area Of Study :

ÅTo promote advanced knowledge about dental anatomy and physiology.
ÅTo provide expanded knowledge about human dentition.
ÅTo 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

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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
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 incis	Surface anatomy of lower central and lateral incis

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Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
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		

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Course Notes :

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

Recommended books :

ÅNew models for different types of teeth , skills & mandibles (at different ages)
ÅData show with camera
ÅVideotaps & CD-ROM containing topics & presentations in dental anatomy & physiology

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