

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	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	6
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	3
Assistant Lecturer	Asmaa Khairy Hamza Mohamed Taha	
Teaching Assistant	Mary Ayman Anwar Danial	
Teaching Assistant	Mayar Medhat Mahmoud Shawkat Abdelrazek	

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 periodontium , 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
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

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
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 :

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

Periodicals :

Web Sites