

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
Professor	Rehab Ali Abdul Moneim Ahmed Abdelaaty	2
Professor	AMANY AHMED RABEE MOHAMED OSMAN	8
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	6
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	3
Teaching Assistant	Areeg Fekry Mohamed Nabih Elgharbawy	
Teaching Assistant	Esraa Belal Mohamed Hamed Ramadan	
Teaching Assistant	Merna Essam Abdelmalek Youssef	

Area Of Study:

Description:

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

[&]quot;ÁTo promote advanced knowledge about dental anatomy and physiology."

[&]quot;ÁTo provide expanded knowledge about human dentition."

ÄTo serve as a basis for understanding the clinical course such as Pedodontics, Orthodontics, Operative dentistry, Endodontics as well as prothodontics and crown and bridges



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.Intellect	ial 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.Professi	onal 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	Difference s between permanent and deciduous dentit	Differences between permanent and deciduous dentit
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 periodontiu m	Effect of physiologic form on periodontium
Centric occlusion	5	Centric occlusion	Centric occlusion



Course Topic And Contents :			
Topic	No. of hours	Lecture	Tutorial / Practical
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 compensat ory curves	compensatory
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

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:

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

Recommended books:

"ÁNew models for different types of teeth, skills & mandibles (at different ages)

ÁData show with camera

"Á/ideotaps & CD-ROM containing topics & presentations in dental anatomy & physiology

Periodicals:

Web Sites

