

Faculty of Oral & Dental Medicine

Human Dentition

Information:

Course Code: DHST 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	0
Associate Professor	RANEEM FAROUK MOHAMED ADEEB OBEID	0
Lecturer	Nehad Mostafa Abd El Monsif Mostafa	1
Teaching Assistant	Merna Essam Abdelmalek Youssef	
Teaching Assistant	Areeg Fekry Mohamed Nabih Elgharbawy	
Teaching Assistant	Esraa Belal Mohamed Hamed Ramadan	

Area Of Study:

Description:

- 1. Surface anatomy of deciduous teeth
- 2. Surface anatomy of permanent molars
- 3. Condition of teeth at different ages
- 4. Mandible at different ages
- 5. Physiology significance of tooth form in
- 6. Protecting the periodontium
- 7. Arrangement of teeth in curves
- 8. Normal occlusion

Course outcomes:

a. Knowledge and Understanding: :

- 1 Describe the relation of maxillary and mandibular teeth in normal centric occlusion as well as during different mandibular movements
- 2 Describe the different curves to which the arrangement of teeth conforms.

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

[&]quot;ÁTo provide expanded knowledge about human dentition (permanent molars and deciduous dentition, physiologic significance of tooth form and different types of occlusion).

A o serve as a basis for understanding the clinical courses such as Pedodontics, Orthodontics, Operative dentistry, Endodontics as well as prosthodontics and crown and bridge.



3 -	State the significance of physiologic tooth form in protecting the periodontium		
4 -	Describe the anatomical changes induced in the mandible by age		
5 -	Memorize the chronology		
6 -	Identify both deciduous and permanent teeth		
b.Intellectu	al Skills: :		
1 -	Distinguish any abnormalities in human teeth as well as in their occluding relations.		
2 -	Predict the approximate age of a human being according to the condition of his teeth		
3 -	Differentiate between the deciduous and permanent human teeth.		
c.Professio	nal and Practical Skills: :		
1 -	Create the normal shape and size of different permanent ((premolars and molars) human teeth by carving.		
2 -	Design the morphology of different types of human teeth.		
d.General and Transferable Skills: :			
1 -	Appreciate long life learning.		
2 -	Manage time effectively.		

Course Topic And Contents :			
Торіс	No. of hours	Lecture	Tutorial / Practical
Upper first molar Carving Lower 4	5	1	4
Upper second and third molars Carving Lower 4	5	1	4
Lower first molar Evaluation Lower 4 + Carving Lower 5	5	1	4
Lower second and third molars Carving Lower 5	5	1	4
Deciduous teeth (anterior) Evaluation Lower 5 + Carving upper 6	5	1	4
Deciduous teeth (posterior) 1st Practical Quiz + Carving upper 6	5	1	4
Physiological significance of tooth form Carving upper 6 & identification of natural upper molars (permanent & deciduous)	5	1	4
Compensating curvatures Evaluation of Upper 6 + Applied Dental Anatomy + Carving lower 6	5	1	4
Occlusion of anterior teeth Carving lower 6	5	1	4
Occlusion of anterior teeth Carving lower 6	5	1	4



Course Topic And Contents :			
Topic	No. of hours	Lecture	Tutorial / Practical
Teeth at Different ages Evaluation of Lower 6 + Teeth at Different ages& identification of natural teeth	5	1	4
Mandible at different ages 2nd Practical Quiz + Mandible at different ages& identification of natural teeth	5	1	4

Teaching And Learning Methodologies:

Lectures using power point.

Lectures using videos.

Lectures with discussions.

Practical and small group sessions: a. Each practical session's preceded by slide tutorial demonstration, carving videos, drawing of different teeth and class discussions. b. Demonstration of tooth carving in small groups.

Small discussion teaching.

Course Assessment :			
Methods of assessment	Relative weight %	Week No	Assess What
Final practical Examination	15.00		
Final term Examination	25.00		
Oral Examination	10.00		
Semester practical work	25.00		
Semester written Examination	25.00		

Course Notes:

Recommended books:

"ÁT extbooks: Mary Bath-Balogh, Margaret J. Fehrenbach Dental Embryology Histology and Anatomy 4th Edition, 2015

Web Sites:		
PubMed		
Science Direct		

[&]quot;Áll lectures are available for students as presentations on the moodle.

[&]quot;ÁHandouts for certain topics uploaded on moodle.