

Faculty of Oral & Dental Medicine

General Anatomy

Information :

Course Code : SGS 272

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Area Of Study :

- To provide a core body of scientific Knowledge concerning the normal structure of the human body at the level of organ and organ system with
- The study of the normal growth and developmental to anatomical topics.
- To provide appropriate ethical and professional education necessary for dealing with cadavers.
- To correlate anatomical facts with its clinical application.

Description :

The skull and mandible , cervical vertebrae . first rib, the scalp and face , parotid gland , temporal & infratemporal region , the cranial cavity , triangle of the neck , root of neck big vessels and lymphatic drainage of head and neck , cranial nerves , cervical sympathetic chain , oral cavity , nasal cavity and paranasal cavity , palate and pharynx & larynx

Course outcomes :

a. Knowledge and Understanding: :

1 -	Describe the basic principles of structure of the different tissues, organs and systems of the human body.	
2 -	Describe the surface landmarks of the underlying bony structures (main nerves, vessels and viscera).	features, muscles and tendons, of internal
3 -	Outline major of clinical applications in the core syllabus of	anatomical facts.

b. Intellectual Skills: :

1 -	Aware of the scope and limits of his role as well as the necessity to seek and apply regularly the collaboration of other workers.
2 -	Responsible towards work and be able to maintain calmness in unusual situation.
3 -	Maintain a professional image in manner, dress and speech.

c. Professional and Practical Skills: :

1 -	Apply the anatomical facts while examining the living subject	in order to reach a proper diagnosis.
2 -	Identify the different surface markings and determine the structure of the head and neck.	position or course of an internal viscera or
3 -	Identify the different organs, structure and their parts in	cadavers and jars.

4 -	Interpret the normal anatomical structures on radiographs and ultrasonographics C.T the nuclear magnetic resonance images and endoscopic pictures.
5 -	Interprets some clinical findings in relation to developmental basis
d.General and Transferable Skills: :	
1 -	Able to maintain honesty and integrity in all interactions with teachers,
2 -	Colleagues, patients and others with whom physicians must interact in their professional lives.
3 -	Able to value the ethics and respect to all individuals inside and outside the dissecting room and pay a good deal of respect to the cadavers.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
General and particular features	5	- Norma verticalis - Norma frontalis - Norma oc	Skull:- Features, foramina, fissures and structure
The mandible	3	- General features - Muscles attached to the man	- Muscles and ligaments attached
The cervical vertebrae	3	- Typical cervical vertebrae - Atypical cervical	Norma verticalis and Frontalis.
The scalp	3	- Layers of the scalp - Muscles of the scalp -	Occipitalis, Norma lateralis.
The face	3	- The muscles of the face (buccinator , orbiculari	Norma basalis externa
The Parotid gland	3	- Position and extensions - Poles, borders and s	Norma basalis interna
The Temporal and infratemporal regions	4	- Bony features - Contents: - Muscles -	Mandible: general and particular features

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
The temporomandibular joint	4	- Type, capsule and ligaments - The synovial mem	Cervical vertebrae
The cranial cavity	4	- The dura mater: folds and dural venous sinuses	Soft tissue of head and neck:
The anatomy of the neck	4	- Boundaries, bony prominences - - Superficial	* Scalp, Face and Parotid region.
The submandibular region	3	- The submandibular salivary gland :extensions,	Temporal , Infratemporal fossae.
The thyroid gland	3	- Shape, position, and capsule - - Parts and r	Cranial cavity, Posterior triangle.
The scalene muscles	3	The scalenus anterior muscle and its relation	Submandibular region.
The big vessels of the head and neck	4	course, relations and branches or tributaries of	Carotid triangle
The lymphatic drainage of the head and neck	3	Groups of lymph nodes (their afferents and ef	Median region of the neck,

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
The cranial nerves	4	- The trigeminal (V) - - The facial (VII) -	Nose, Paranasal sinuses, Mouth, Tongue and Palate.
The cervical sympathetic chain	3	Ganglia: relations and branches	Pharynx and Larynx.
The lacrimal apparatus	3	Lacrimal gland, the conjunctival sac, the lacrimal	
The mouth cavity	3	- The vestibule of the mouth - - The mouth cav	
The tongue	3	Parts - Musculature: intrinsic and extrinsic	
The nasal cavity	3	- Nasal openings, walls and septum - Blood and n	
The paranasal air sinuses	3	- Names and functions - Topography of their open	
The palate	3	- The hard palate - The soft palate - The muscul	
The pharynx	3	Extensions and relations - - The muscles of	

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
The larynx	3	- - Cartilages of the larynx (names and position)	

Teaching And Learning Methodologies :

Lectures for acquisition of knowledge 2 in big groups, 4 times per-week.
Practical classes: including practical dissection and demonstration in the dissecting room and museum jars and radiological film
Tutorial classes: 2 hours weekly before dissecting a major region and a brief discussion by the end of each practical lesson.
As appropriate such as self-assessment questions in the form of short essay, MCQs beside a notebook to draw annotated diagrams for most of practical lessons.

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid Term Exam	15.00		Assessment of Knowledge and understanding
2nd Mid Term Exam	15.00		Assessment of Knowledge and understanding
Final written	25.00		
Mid Term practical exam	20.00		Assessment of Knowledge of different organs & Stnctur, 8x.Ray Identification 8C.T. films
oral and Practical exam	25.00		Assessment of Knowledge and understanding C.T. films.