

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

Instructor Information :

| Title | Name | Office hours |
|---------------------|------------------------------|--------------|
| Professor | Mervat Thabet Naguib Rofael | 5 |
| Professor | Mariam Asaad Amin Ibrahim | 4 |
| Associate Professor | Sayed Mostafa El Sayed Awida | |
| Lecturer | Sara Shawky Ibrahim Elkilany | |

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 an 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 , palat and pharynx & larynx

Course outcomes :

a. Knowledge and Understanding: :

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| 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 features, muscles and tendons, of internal structures (main nerves,vessels and viscera). |
| 3 - | Outline major of clinical applications in the core syllabus of anatomical facts. |

b. Intellectual Skills: :

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| 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: :

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| 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 position or course of an internal viscera or structure of the head and neck. |
| 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: :

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| 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 |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|----------------------------------------|--------------|-----------------------------------------------------|-------------------------------------------|
| The Temporal and infratemporal regions | 4 | - Bony features - Contents: - Muscles - - | Mandible: general and particular features |
| 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 |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|---------------------------------------------|--------------|-----------------------------------------------------|----------------------------------------------------|
| The lymphatic drainage of the head and neck | 3 | Groups of lymph nodes (their afferents and ef | Median region of the neck, |
| 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 conjunctiva I sac, the lacrimal | |
| The mouth cavity | 3 | - The vestibule of the mouth - - The mouth cav | |
| The tongue | 3 | Parts - - Musculatur e:intrinsic and extrins | |
| The nasal cavity | 3 | - Nasal openings, walls and septum - Blood and n | |
| The paranasal air sinuses | 3 | - Names and functions - Topograph y of their open | |
| The palate | 3 | - The hard palate - The soft palate - The muscl | |
| 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 :

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| 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. |