



RASHIDA IQBAL FINANCIAL AID **ORGANIZATION**

Important questions for substage-1 Head and Neck

SKULL:

- bony features(BD) , foramen and nerves/ vessels going through them (skull is an important topic , have to go through it all ; co relate the theory portion in B.D. with Netter's atlas of anatomy)

- Table # 7.1 (KLM)
- Calvari Fig#7.8 (KLM)
- Table # 7.2 (klm)
- Development of cranium (clinical of KLM Fig#B7.6) Proff

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CERVICAL VERTEBRAE :

Recognize the differences between typical and atypical cervical vertebrae , their anatomical features (B.D) .

atlas and axis complete

Important Clinicals : judicial hanging , hangman's fracture , luschka's joints

SCALP , TEMPLE and FACE :

- layers of scalp , what is scalp proper ; its significance
- Muscles mainly occipitofrontalis ; origins and insertions

- **Cutaneous Nerves of face and scalp (fig# 7.19 &7.20 of KLM) MUST , Table 2.1 of B.D.**

- **Superficial vasculatures of face and scalp: fig#7.24(KLM) and table # 7.5 & 7.6 of KLM**

- **What are Diploic veins**

- **Lymphatics**

- **Clinicals:**

scalp infection

danger area of face

facial muscles paralysis

all nerve blocks

trigeminal neuralgia

**facial nerve injury; supra nuclear and infra nuclear lesions
(remember that the emotional expressions are spared in facial nerve palsy)**

- **Facial muscles :**

label the muscles on the model given , buccinator , risorius , platysma are more important .

Which muscles perform what Facial expressions

- **temporal fossa**

- **Temporomandibular joint**

- **Movement of TMJ**

- **Muscles of mastication, suprahyoid and infra hyoid**

muscles

- **Maxillary artery and its branches**

- **Otic ganglia(components)**

PAROTID REGION:

- capsule of Parotid gland
- structures within it
- auriculotemporal / frey's syndrome
- nerve supply of parotid
- stenson's duct

NECK:

- Superficial fascia: attachment
- Deep fascia ; layers and its attachment (Very important)
- Common carotid artery (relation and courses) and its branches
- Branches of external carotid artery
- Branches of facial artery
- Lingual artery
- Ansa cervicalis
- Cutaneous nerves and vessel
- External Jugular vein (how it is originated) and its tributaries
- Boundaries and contents of all triangles
- Pretracheal fascia : its attachments , ligament of berry
- Lymphatics (drainage and pathway)

THYROID :

- Relations of thyroid
- Blood supply of thyroid
- Capsule of thyroid ; its significance during thyroidectomy
- Ligation of vessels during thyroidectomy (clinical box in B.D.)
- Position of parathyroid , blood supply

**** parathyroids are also usually transplanted in arm**

Regards;

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