

الملف يحتوي نقاط مهمة كان الدكتور بحكي في -
المحاضرات إنه راح يسأل عنها .

Theory

1) Eye (1st set of slides) :

- slide#11

loss of oculomotor nerve function → complete ptosis or dropping of the eyelid .

loss of sympathetic innervations of the sup. Tarsal muscle → Partial ptosis .

- slide#16

the preganglionic fibers reach the pterygopalatine ganglion via the nervous intermedius and its Great petrosal branch .

- slide#27

Ciliary ganglion : memorize everything in the slide .

2) scalp & cranial cavity :

- slide#18-19

Cavernous sinus : memorize everything about it .

-slide# 22

Dural blood supply :

Internal carotid & Maxillary through the Middle meningeal artery .

Middle meningeal artery :

- it passes through the foramen spinosum to lie between the meningeal and endosteal layers of dura .

- the main source of Extradural hemorrhage .

- divided into : Anterior (frontal) , post. (parietal) branches .

- slide#26

Cerebrospinal fluid :

produced by the Choroid plexus within the 3rd&4th ventricles of the brain .

escapes from the ventricular system of the brain through the three foramina in the roof of the fourth ventricle and so enters the subarachnoid space .

The spinal subarachnoid space extends down as far as the 2nd sacral vertebra .

enters to the bloodstream passing into the arachnoid villi and diffusing through their walls .

3) Neck :

- slide#5

The supraclavicular nerves (C3 and 4) :

The medial, and intermediate, and lateral branches supply the skin over the shoulder region.

These nerves are important clinically, because pain may be referred along them from the phrenic nerve (gallbladder disease) .

- slide #16

Deep cervical lymph nodes :

memorize everything ; especially that is divided into upper and lower groups by :
the intermediate tendon of the omohyoid muscle .

4) Vertebral column :

- slide #11

the intervertebral disk :

memorize everything ; especially that it's two parts :

- peripheral → Anulus fibrosus ; fibrocartilage .

- central → Nucleus pulposus ; gelatinous . situated nearer the Post. Margin of the disc .

- slide# 16-17

Abnormal curves :

memorize everything .

- slide#18

Ligaments :

ant. & post. Atlanto-occipital membranes .

- slide #24

memorize the muscles .

Embryo

- slide #28

1st Arch :

gives Ant. belly of Digastric & Mylohyoid , and innervated by the Trigeminal (mandibular b.)

So , Digastric muscle :

Ant . belly → trigeminal nerve (mandibular) .

post. Belly → facial nerve .

- slide #31

3rd Arch :

gives the Stylopharyngeus muscle which innervated by : Glossopharyngeal n.

- slide #32

4th & 6th Arches :

gives the Cartilages of the Larynx .

- slide #46

the Intermaxillary segment : كل سنة بسأل عنها الدكتور

formed As a result of medial growth of the maxillary prominences & the two medial nasal prominences merge . not only at the surface but also at a deeper level .

It is composed of:

- (a) a labial component, which forms the philtrum of the upper lip
- (b) an upper jaw component, which carries the four incisor teeth
- (c) a palatal component, which forms the triangular primary palate