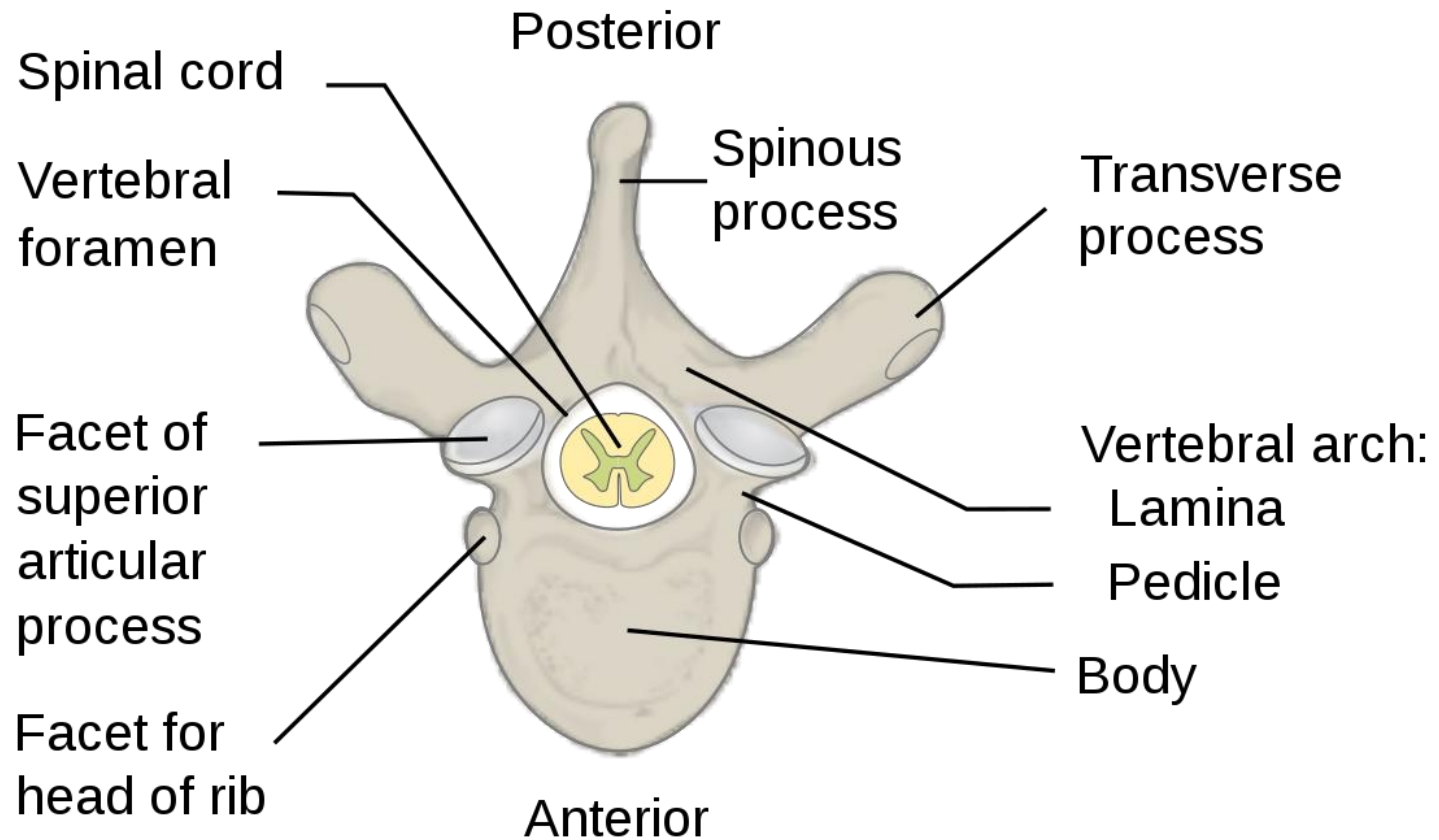
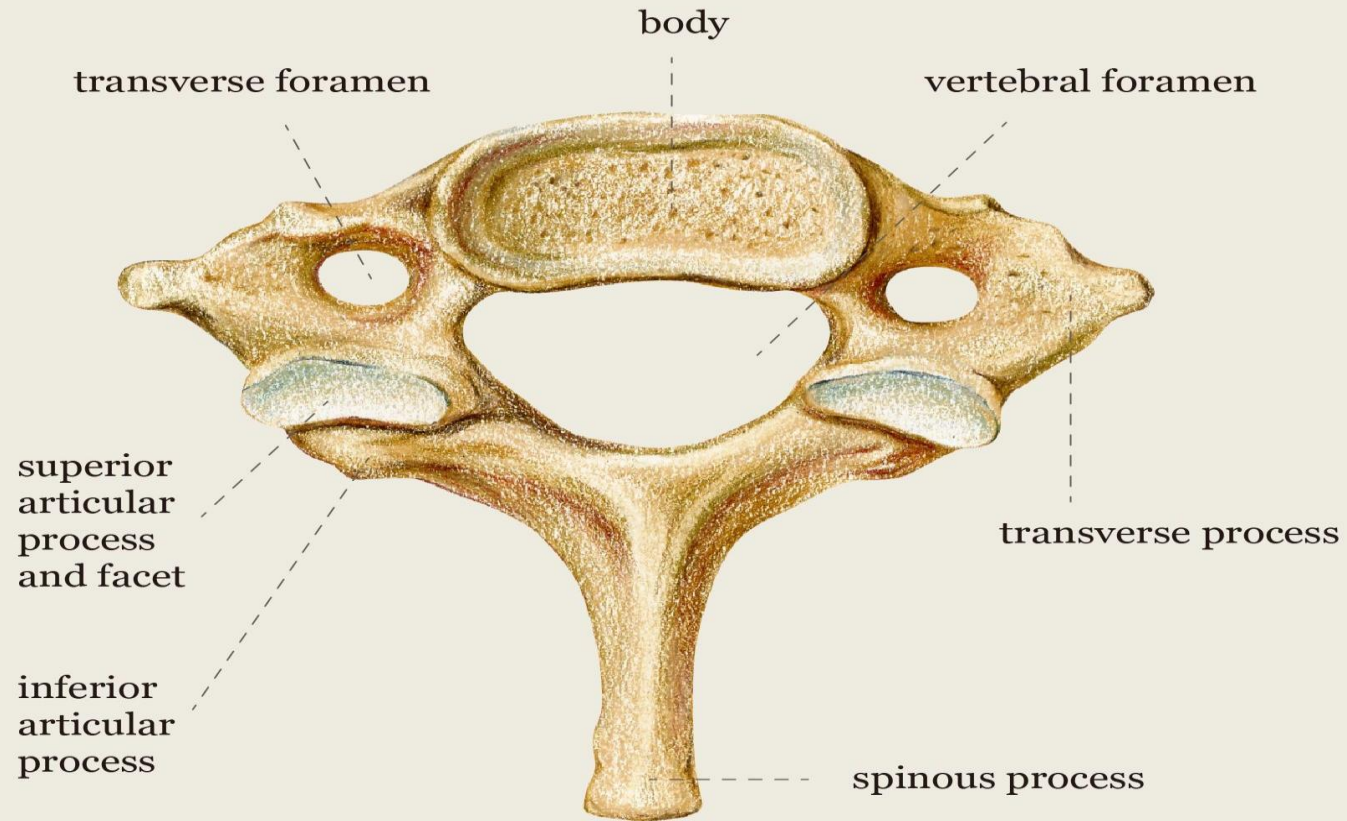


Thoracic Vertebra

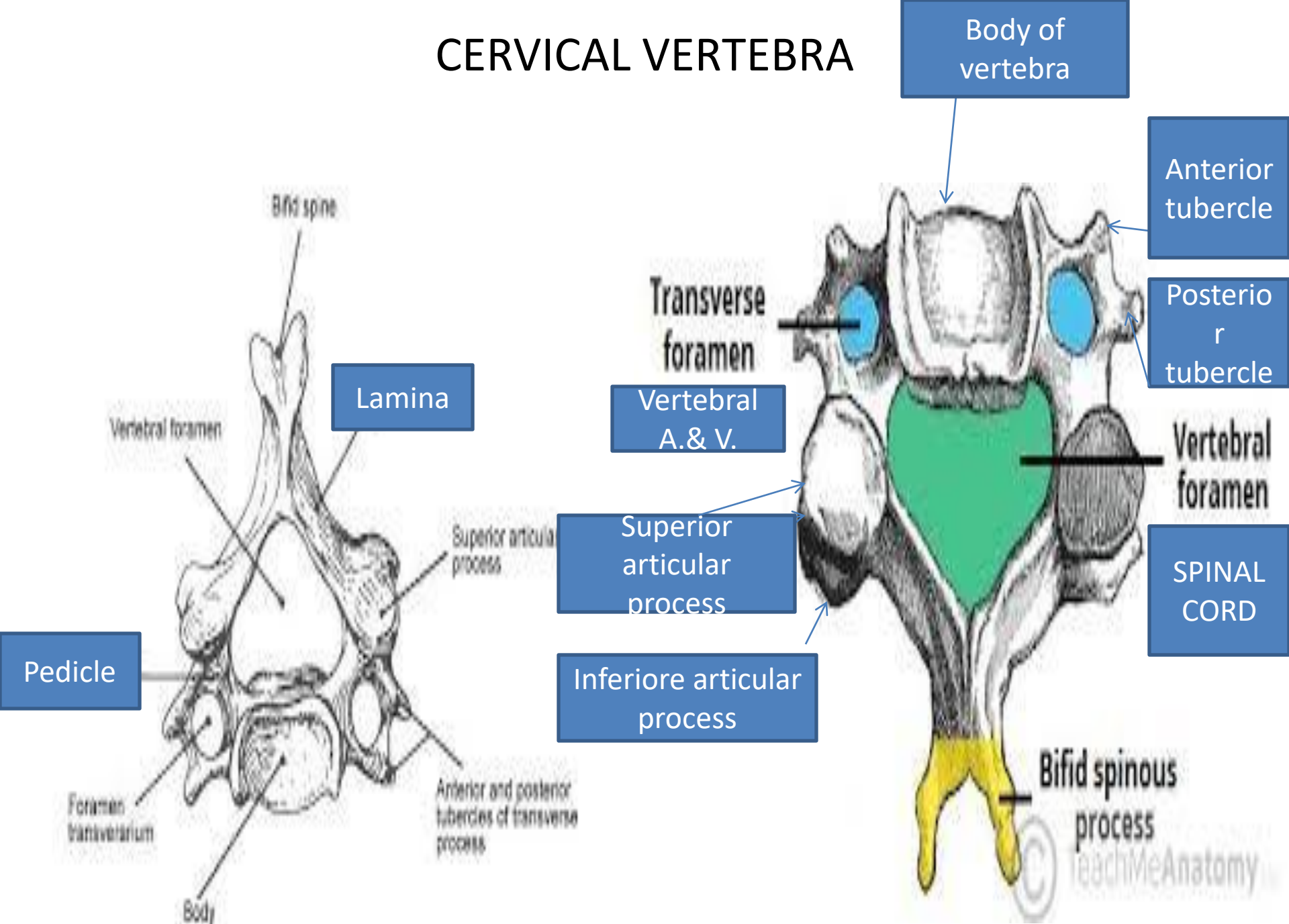


Cervical Vertebra



the 7th cervical vertebra

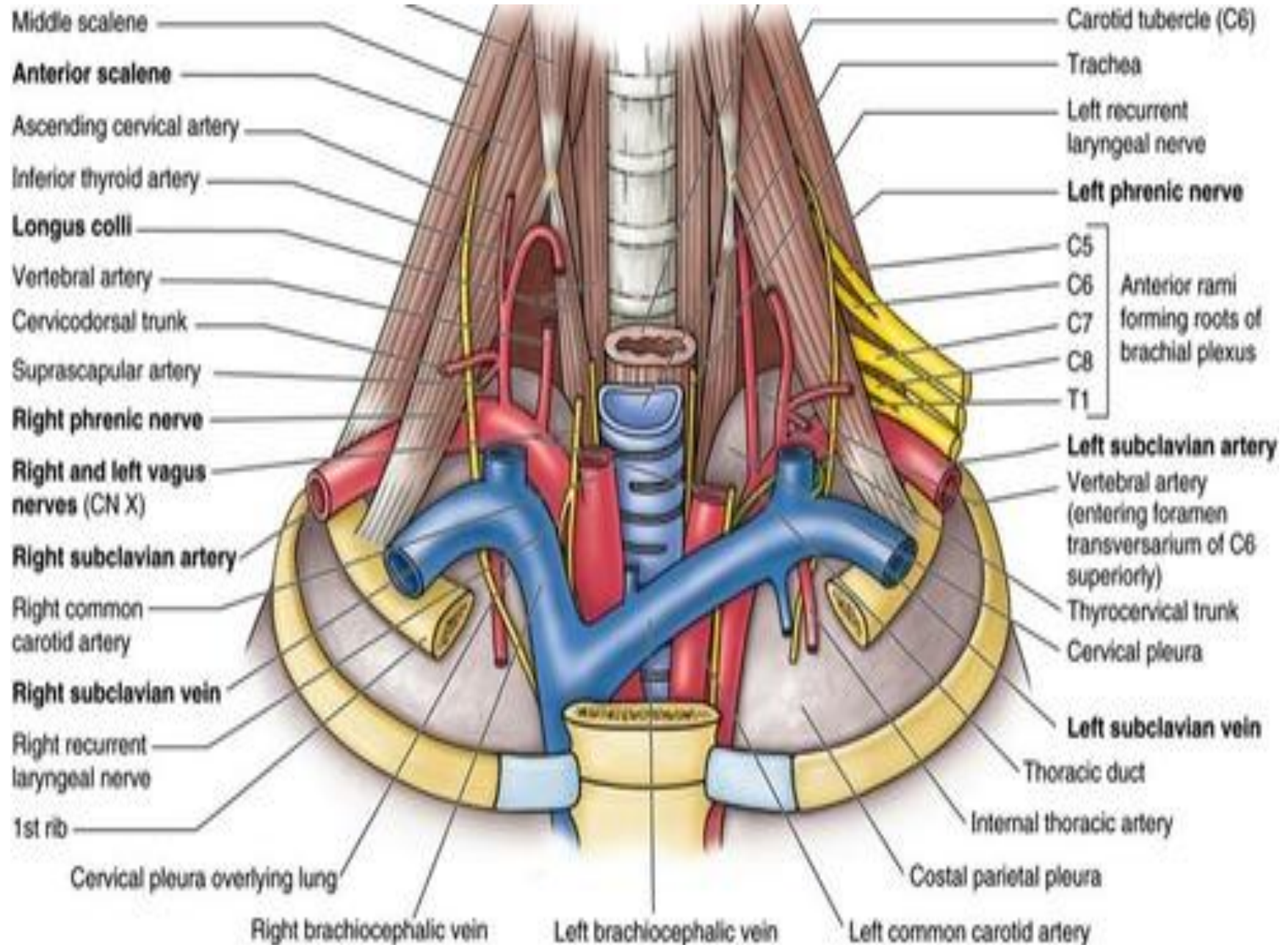
CERVICAL VERTEBRA



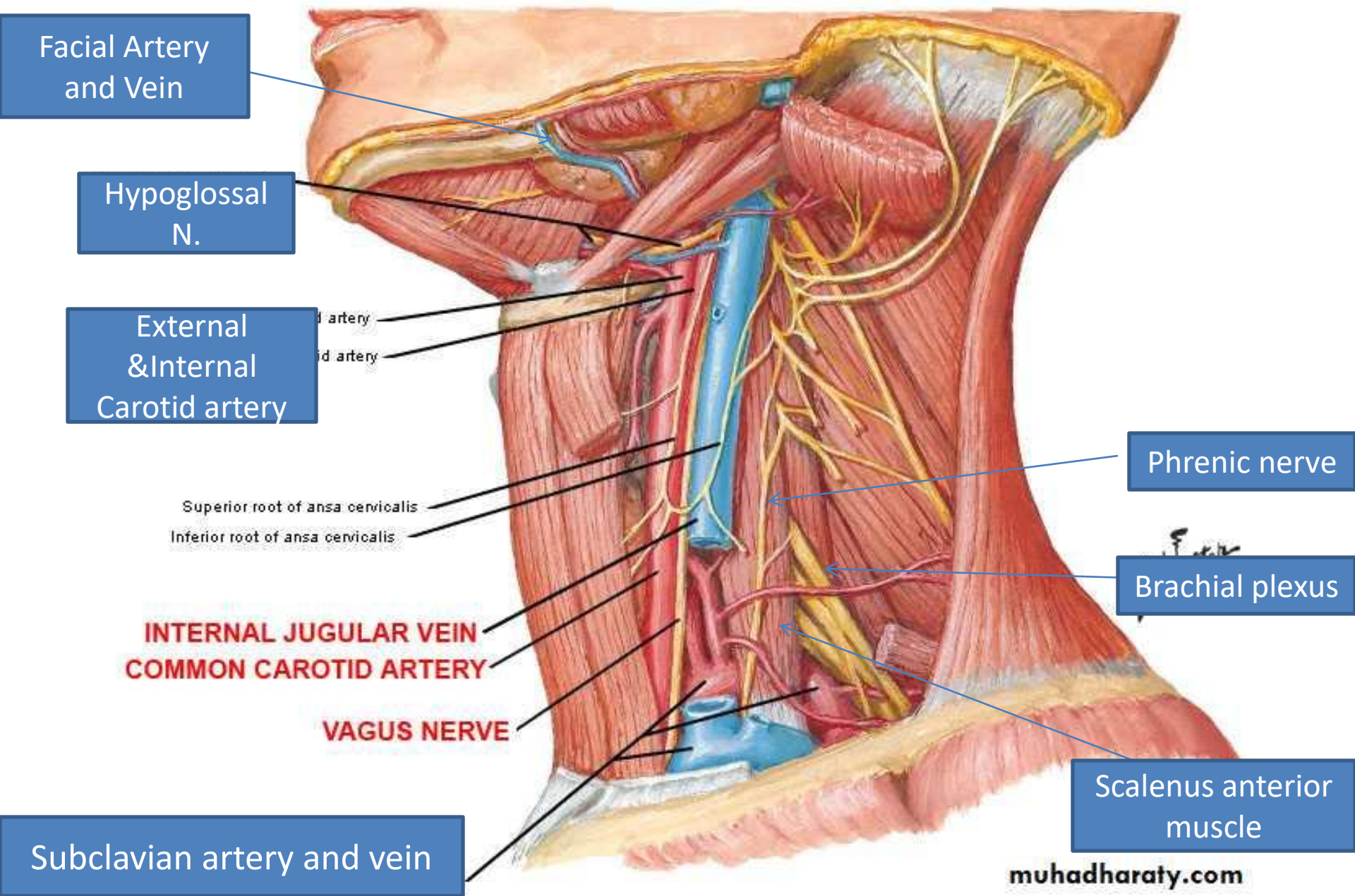
Scalene Muscles

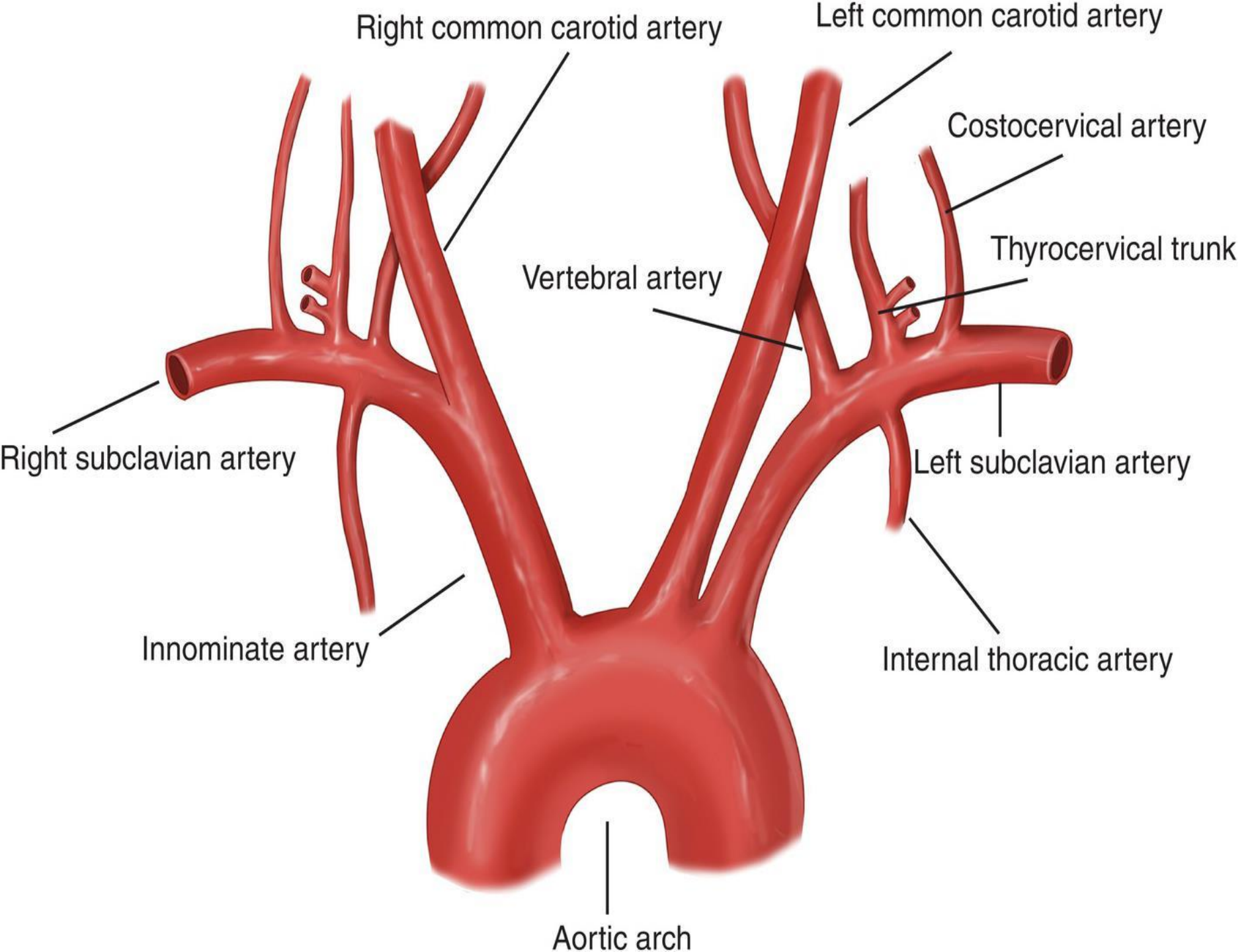


Root of the neck

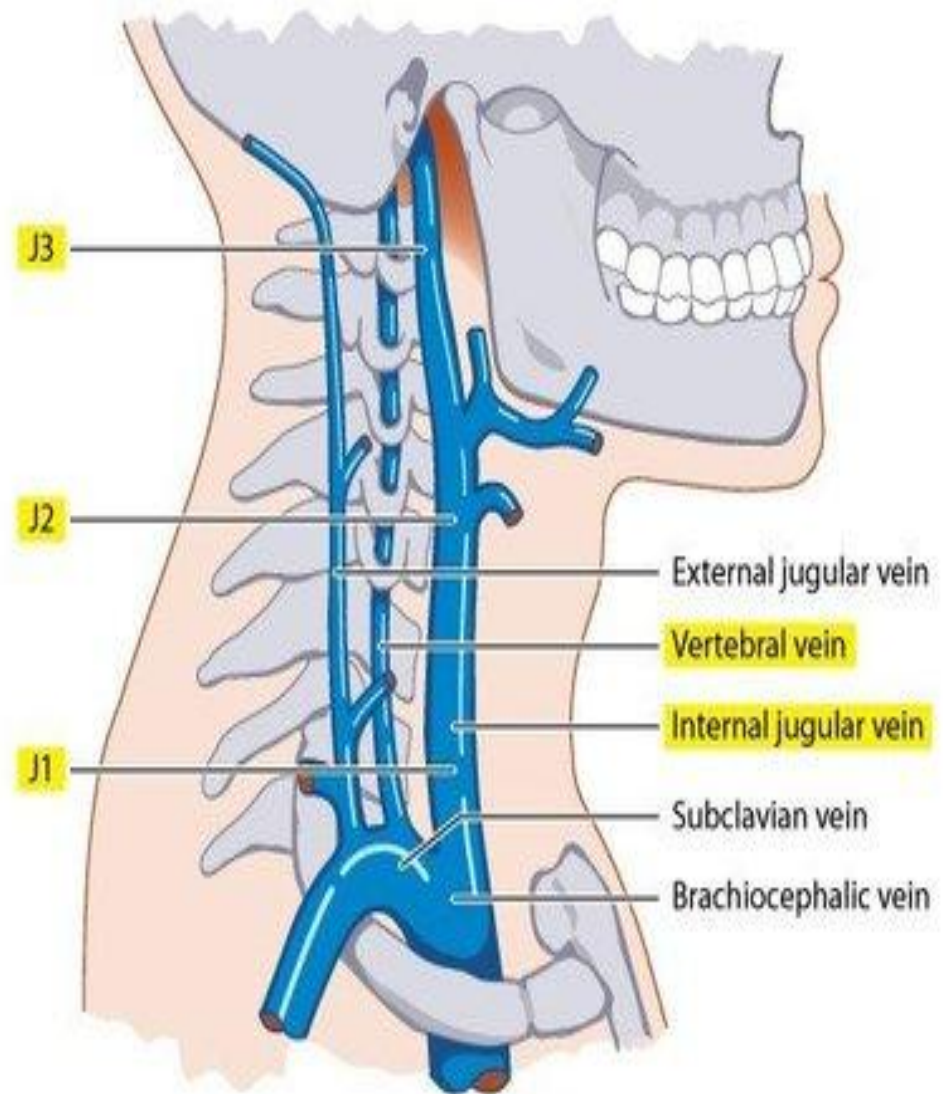
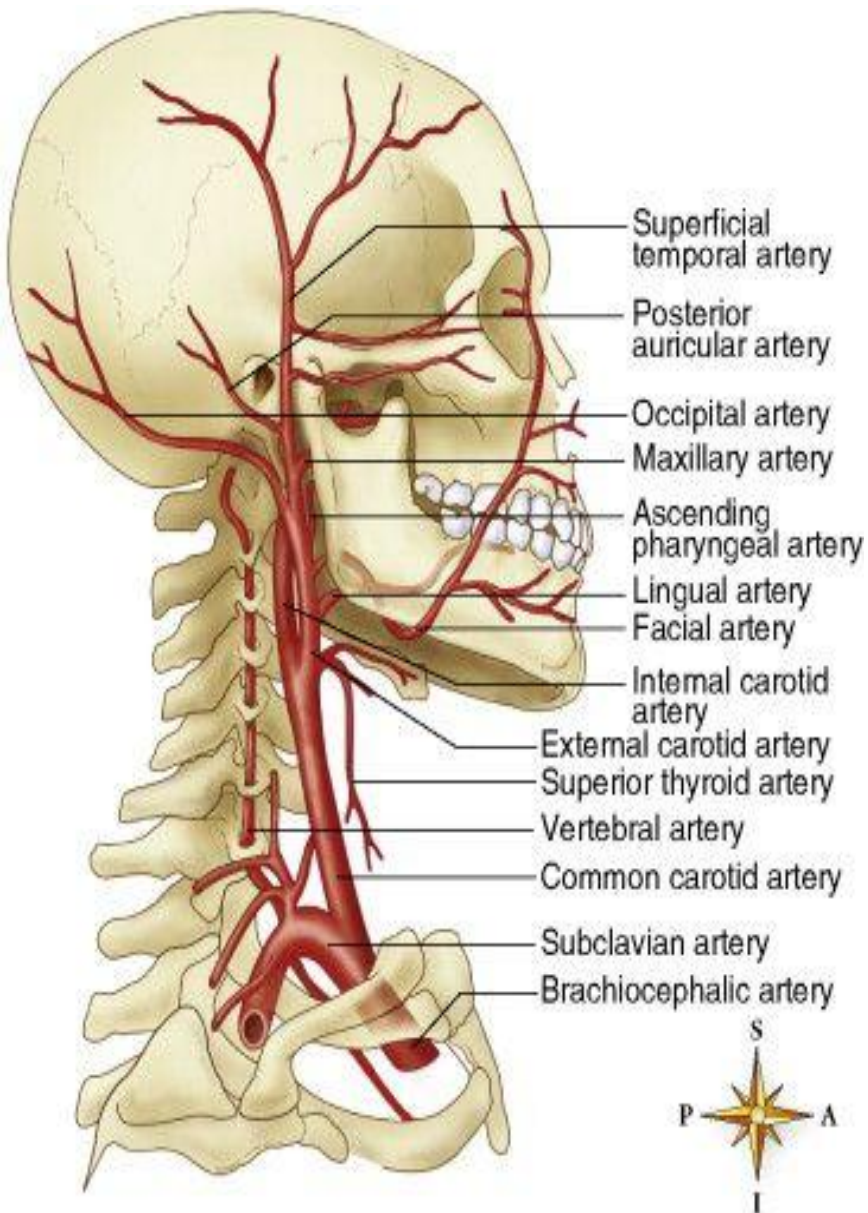


Root of the neck



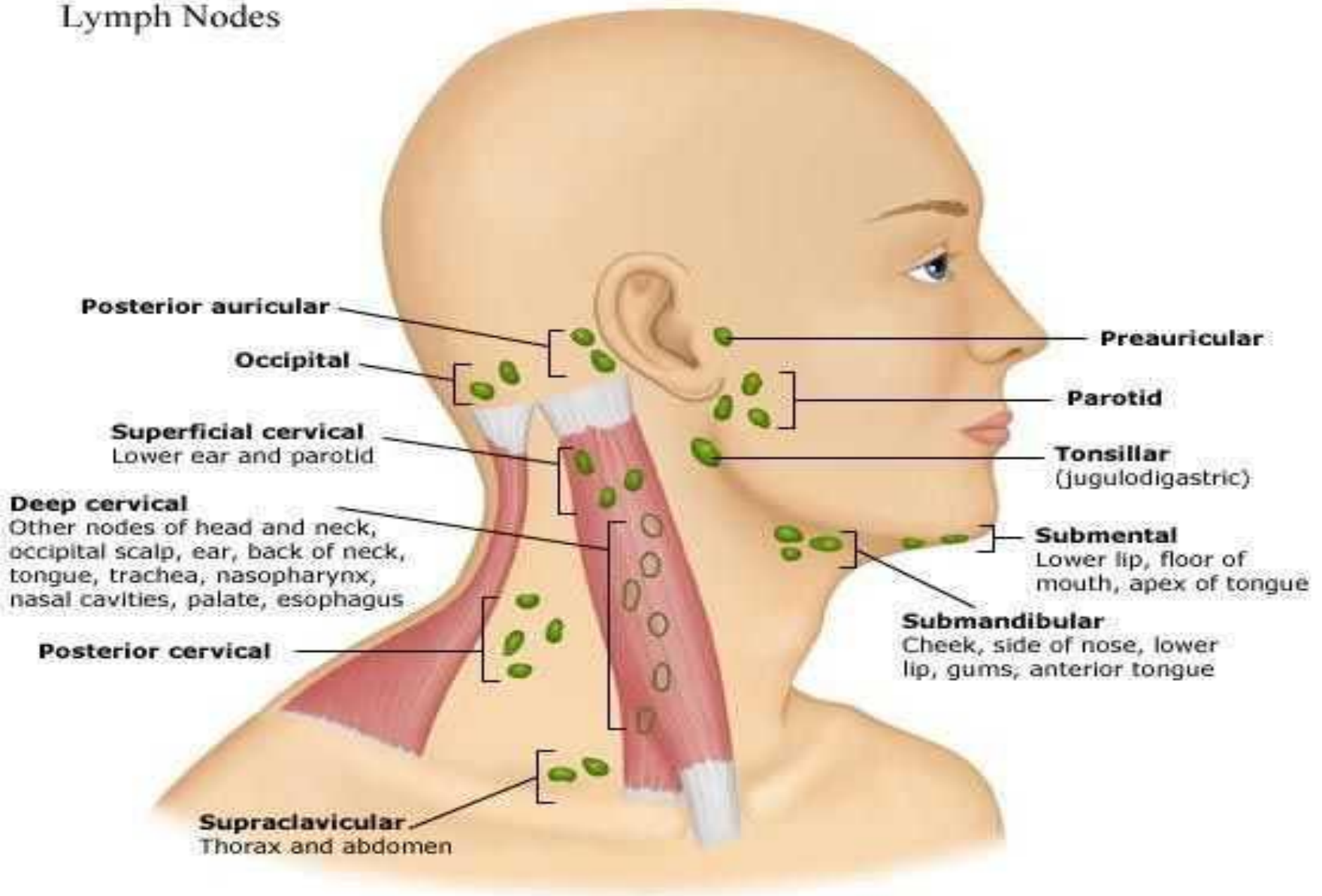


VERTEBRAL ARTERY AND VEIN



Head & Neck L.N.

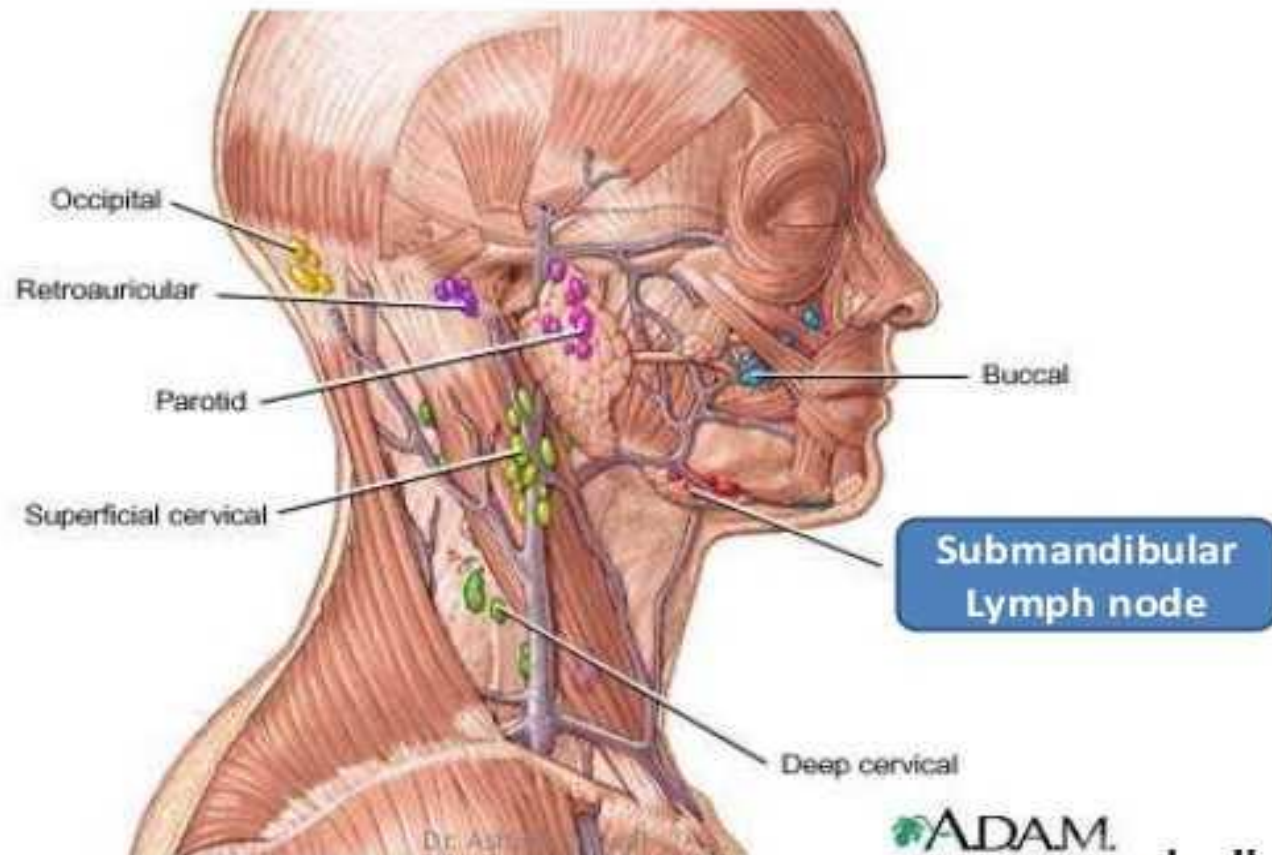
Lymph Nodes



Head & Neck L.N.

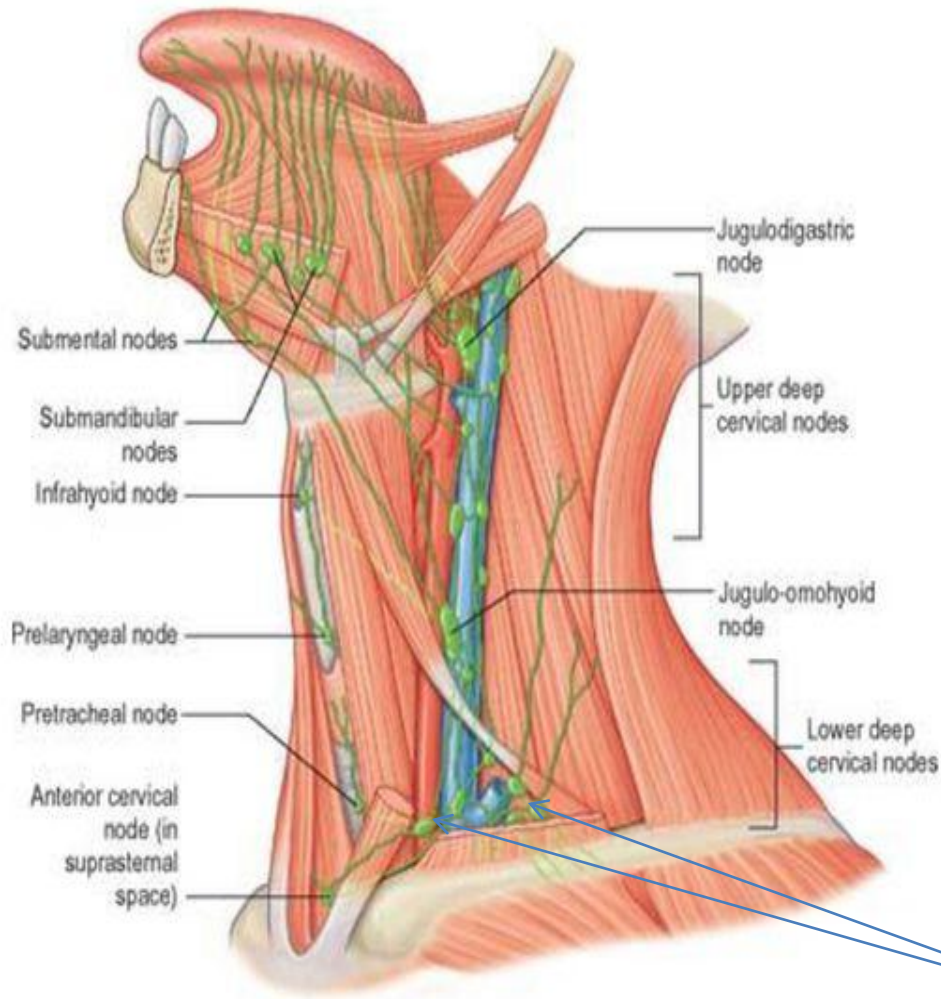
Submandibular Lymph Node

- **Location :**



Deep Cervical L.N.

Deep cervical lymph nodes cont'd



- Retropharyngeal

- Paratracheal

- Infrahyoid

- Prelaryngeal

- Pretracheal

Supraclavicular L.N.

Cervical lymph node enlargement



Parasympathetic

Sympathetic ganglia

Sympathetic

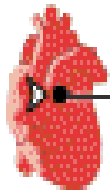
Constricts pupil



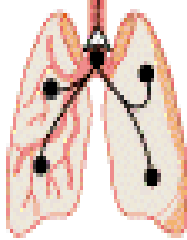
Stimulates salivation



Inhibits heart



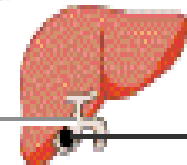
Constricts bronchi



Stimulates digestive activity



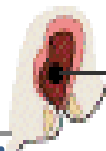
Stimulates gallbladder



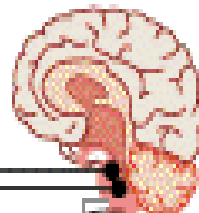
Contracts bladder



Relaxes rectum



Craniosacral
Center



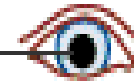
Cervical

Thoracic

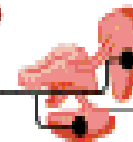
Lumbar

Thorco lumbar center

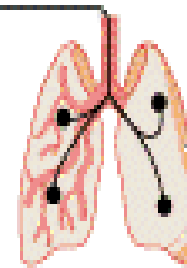
Dilates pupil



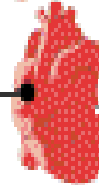
Inhibits salivation



Relaxes bronchi



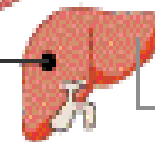
Accelerates heart



Inhibits digestive activity



Stimulates glucose release by liver



Secretion of epinephrine and norepinephrine from kidney



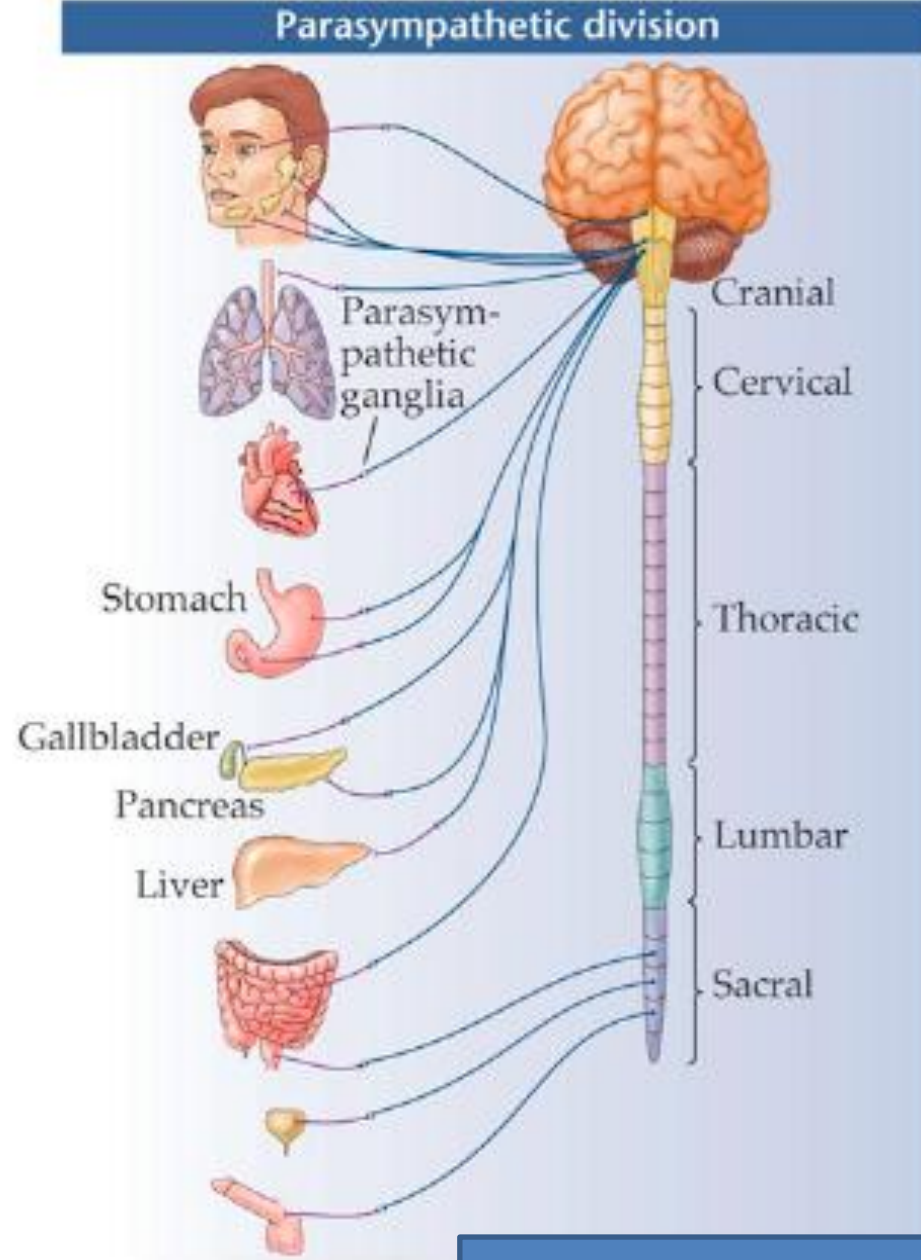
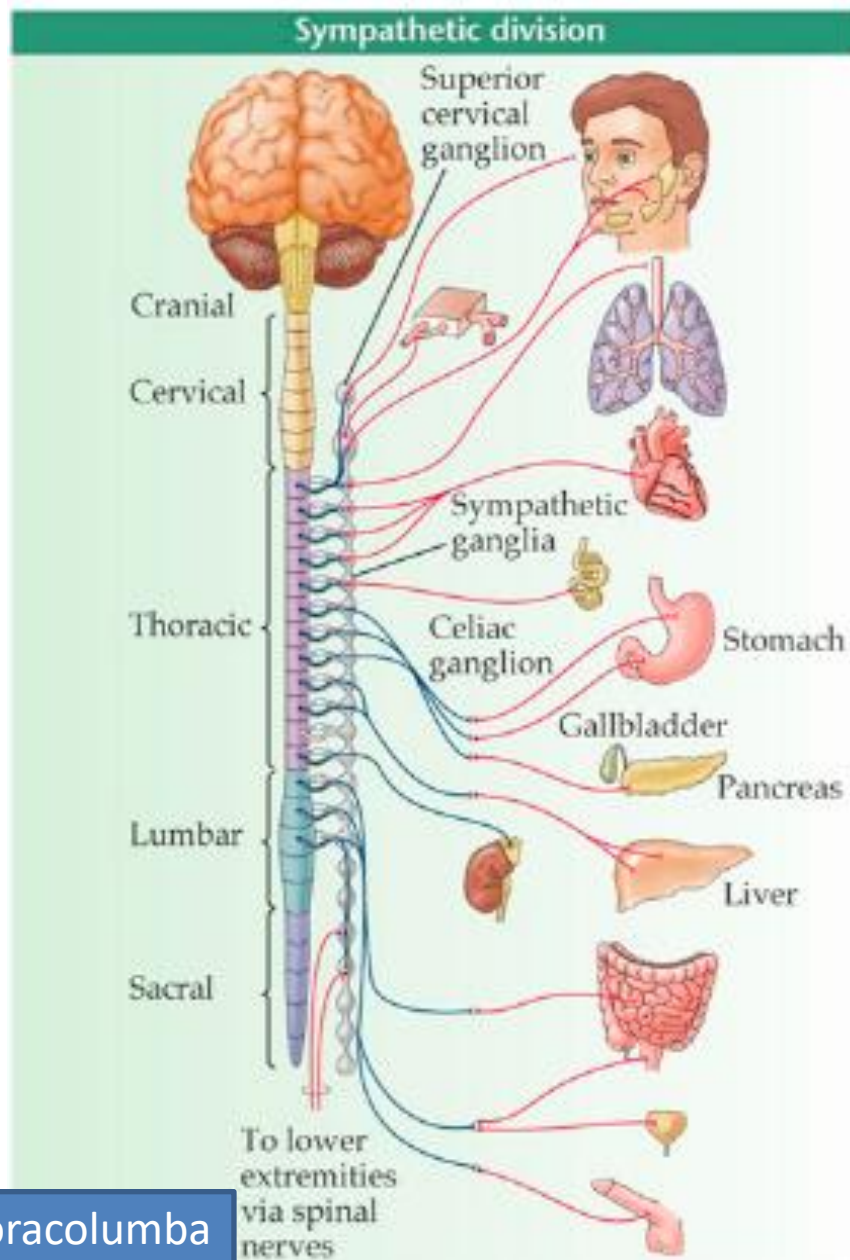
Relaxes bladder



Contracts rectum



Sympathetic and Parasympathetic



Neck triangles

Sternomastoid
m.

Trapezius

Occipital
triangle

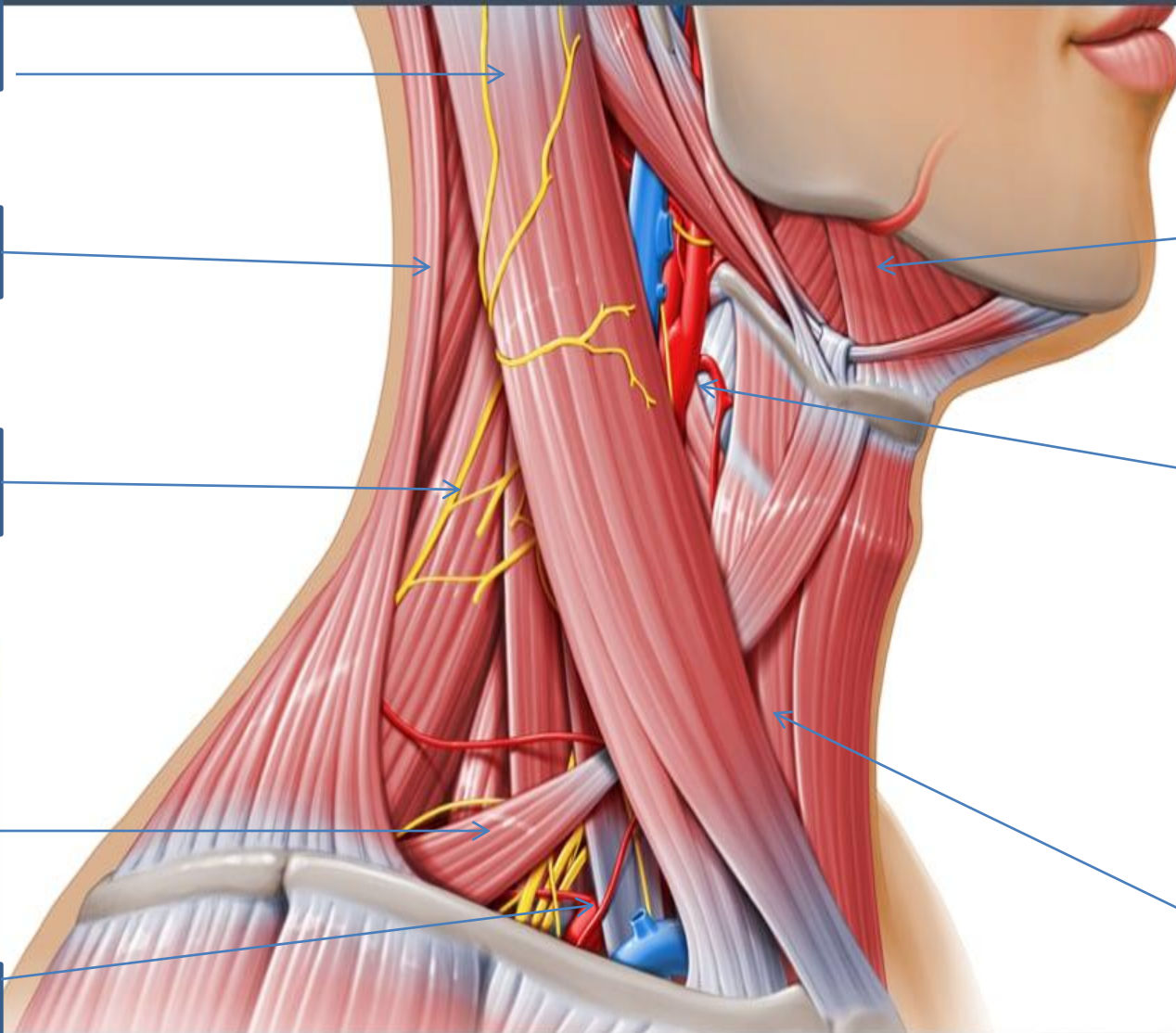
Digastric
triangle

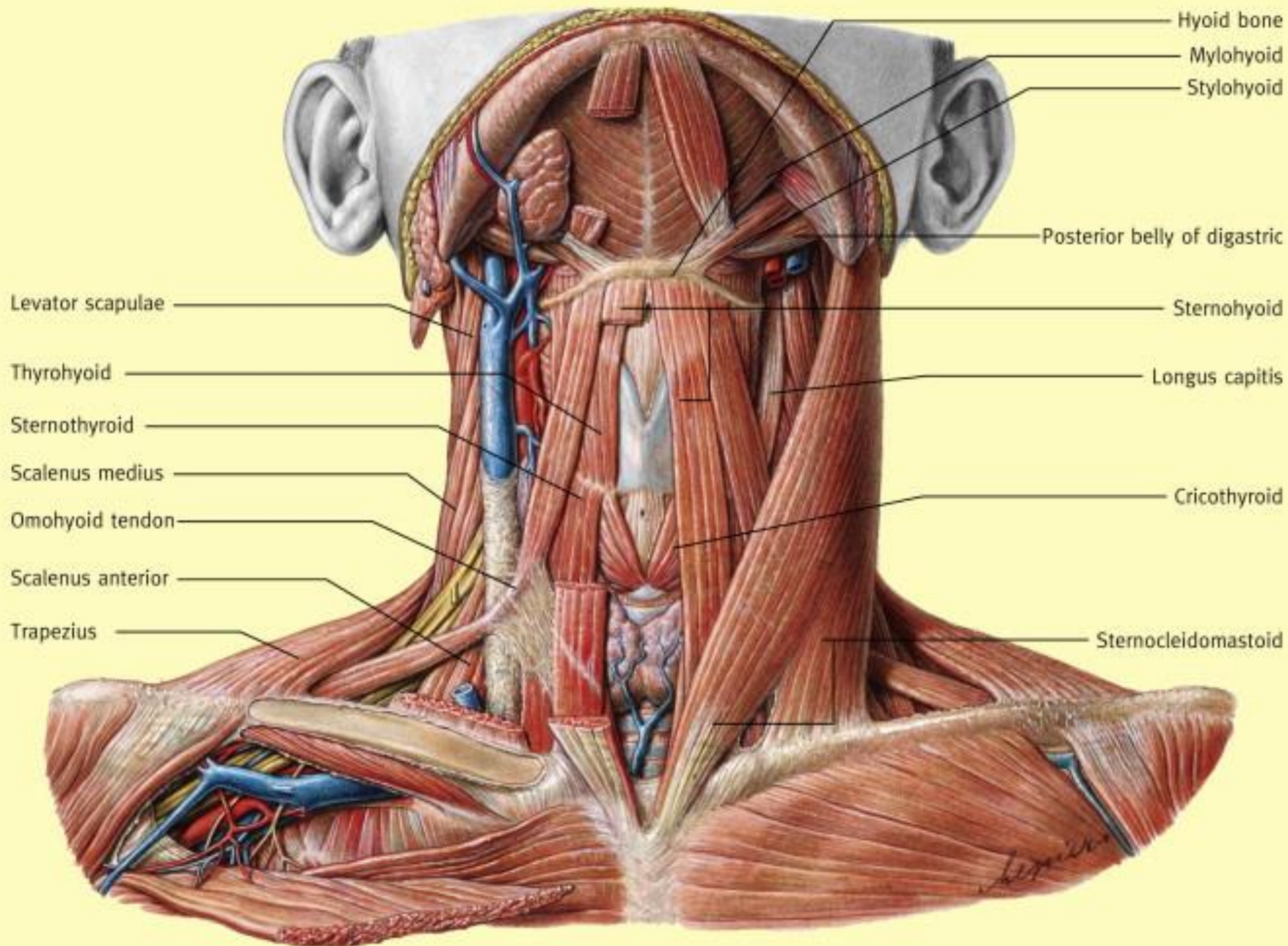
Carotid
triangle

Inferior belly-
omohyoid

Supraclavicular
triangle

Muscular
triangle





The cervical part of the sympathetic chain is found running along the prevertebral region and consist of the:

- superior cervical ganglion (1)
- middle cervical ganglion (2)
- inferior cervical ganglion (3)
- 1st thoracic ganglion (4)

Notice that the cupola of the lung extends up into the root of the neck (5).

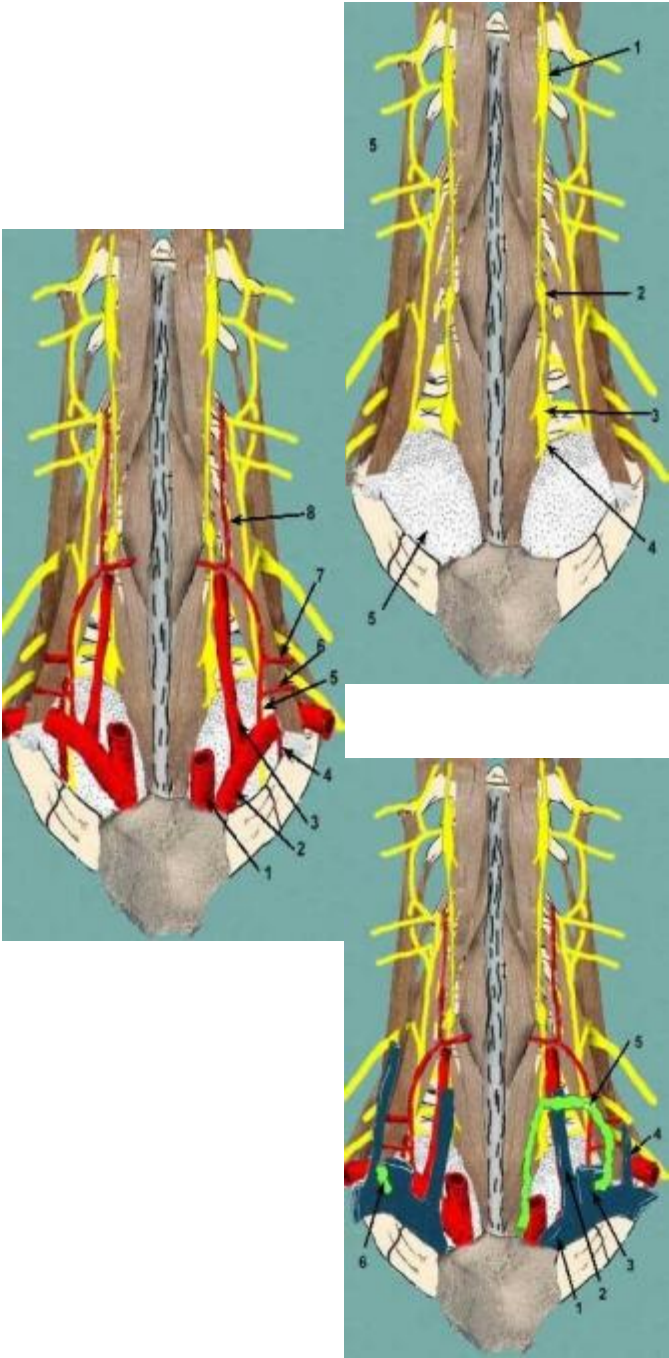
1.At the root of the neck ,we can see the large arteries emerging from the thorax:

- common carotid
- 2.subclavian
- 3.vertebral
- 4.internal mammary
- 5.thyrocervical trunk
- 6.suprascapular
- 7.transverse cervical
- 8.ascending cervical

The terminal branch of the thyrocervical trunk is the inferior thyroid artery (not labeled)

The remaining items at the root of the neck are:

- 1.brachiocephalic vein
- 2.vertebral vein
- 3.internal jugular vein
- 4.external jugular vein
- 5.thoracic duct
- 6.right lymphatic duct



Thank you

