DEEP MUSCLES OF THE NECK

BY

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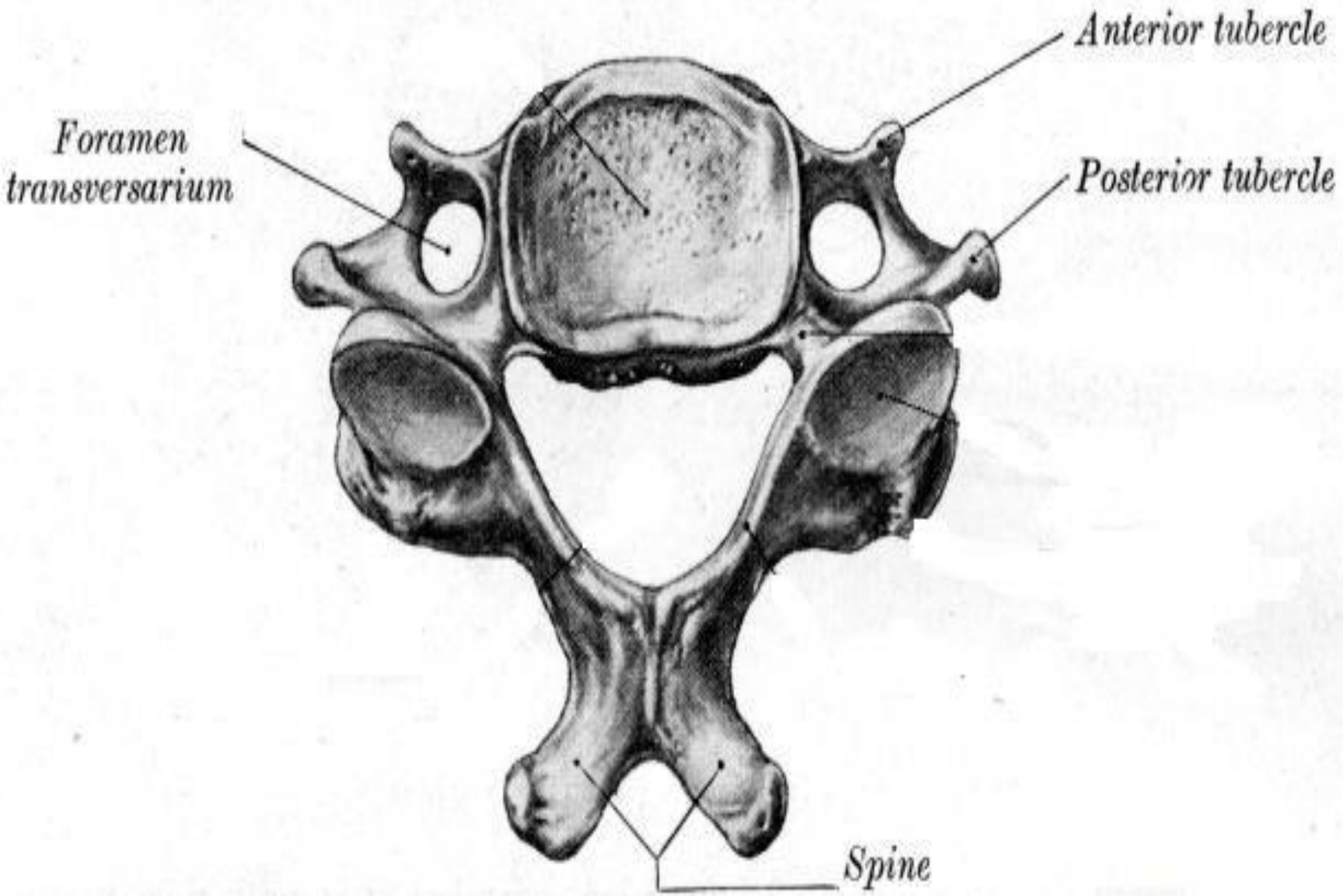
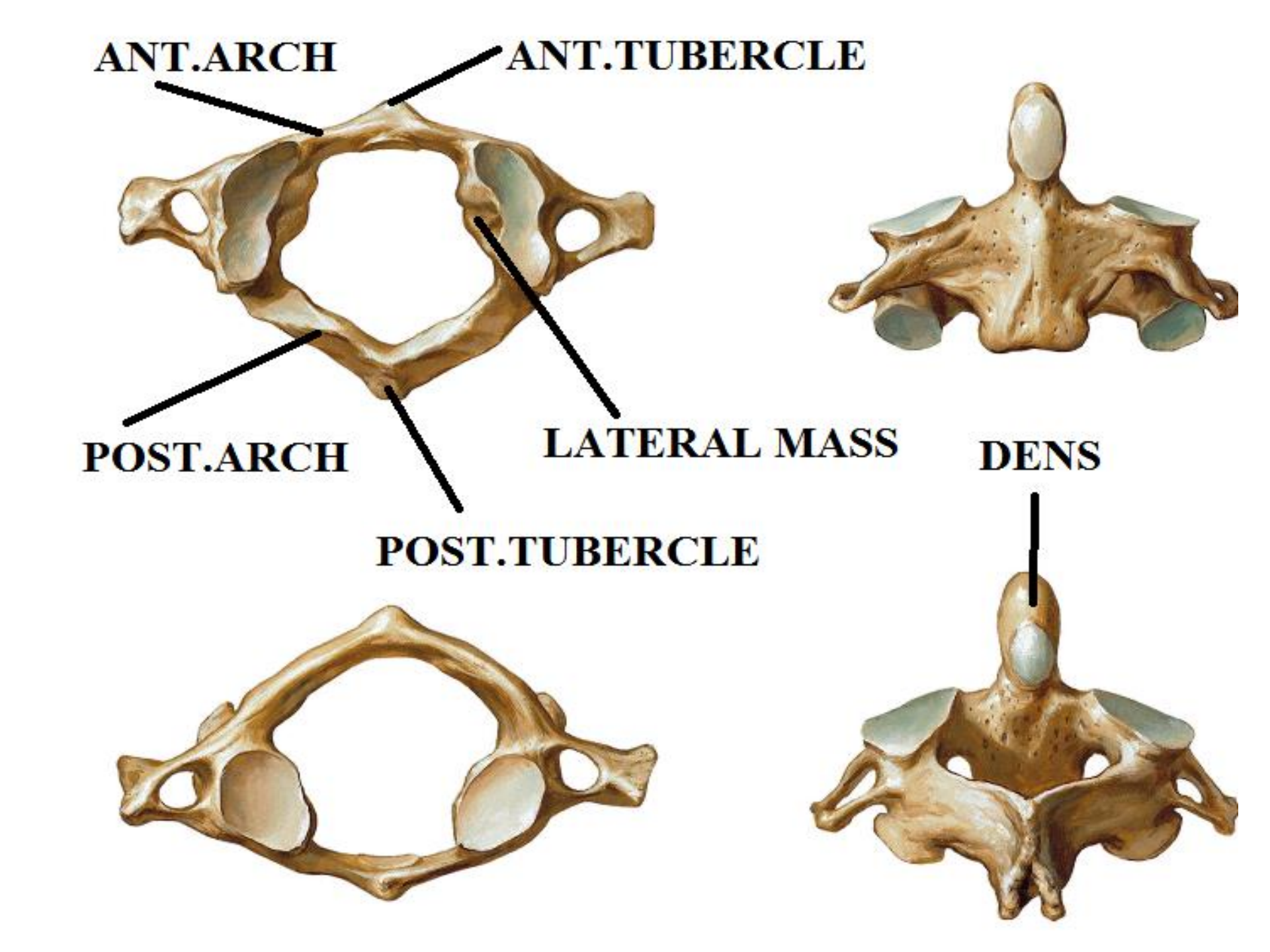
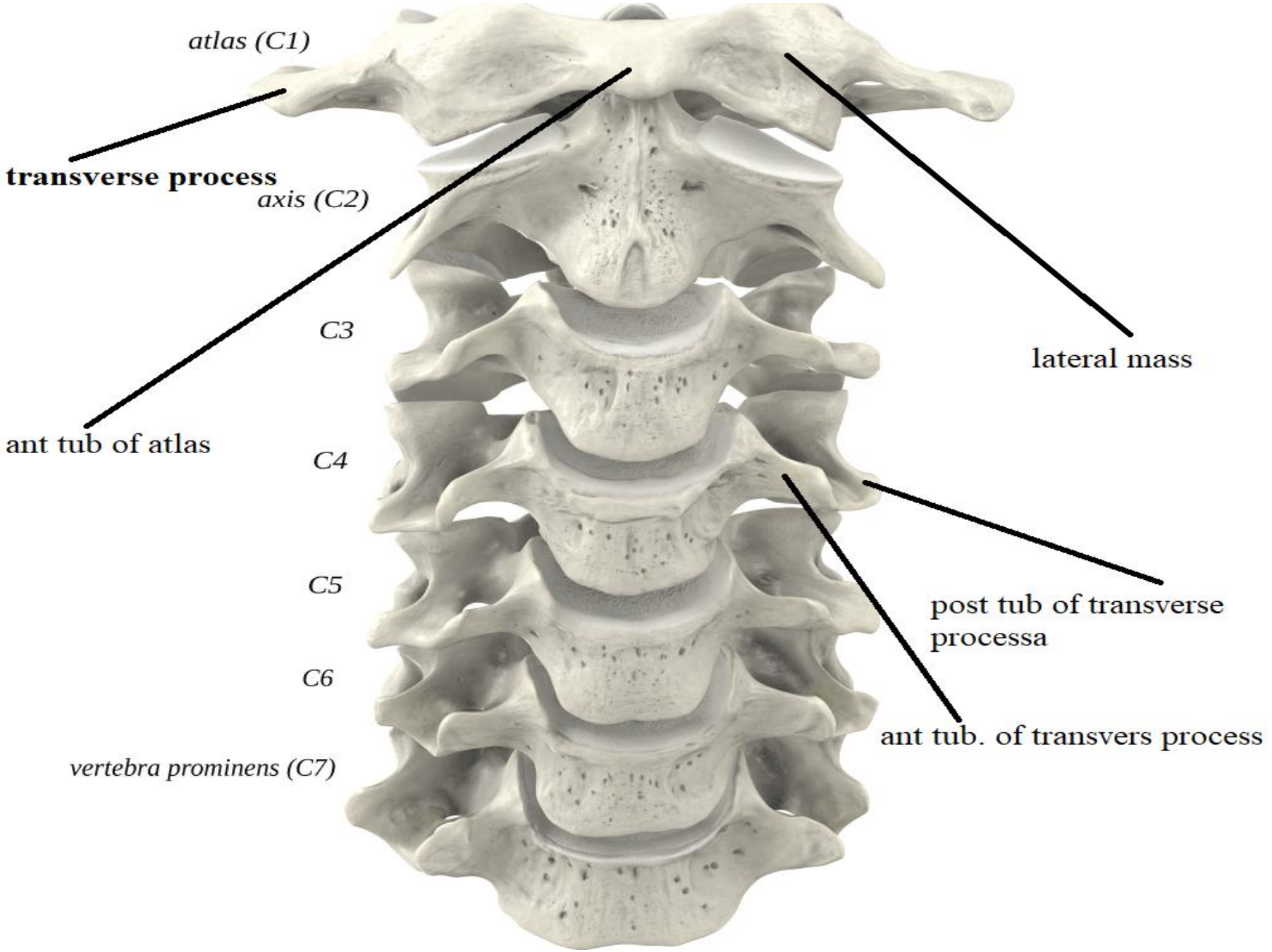
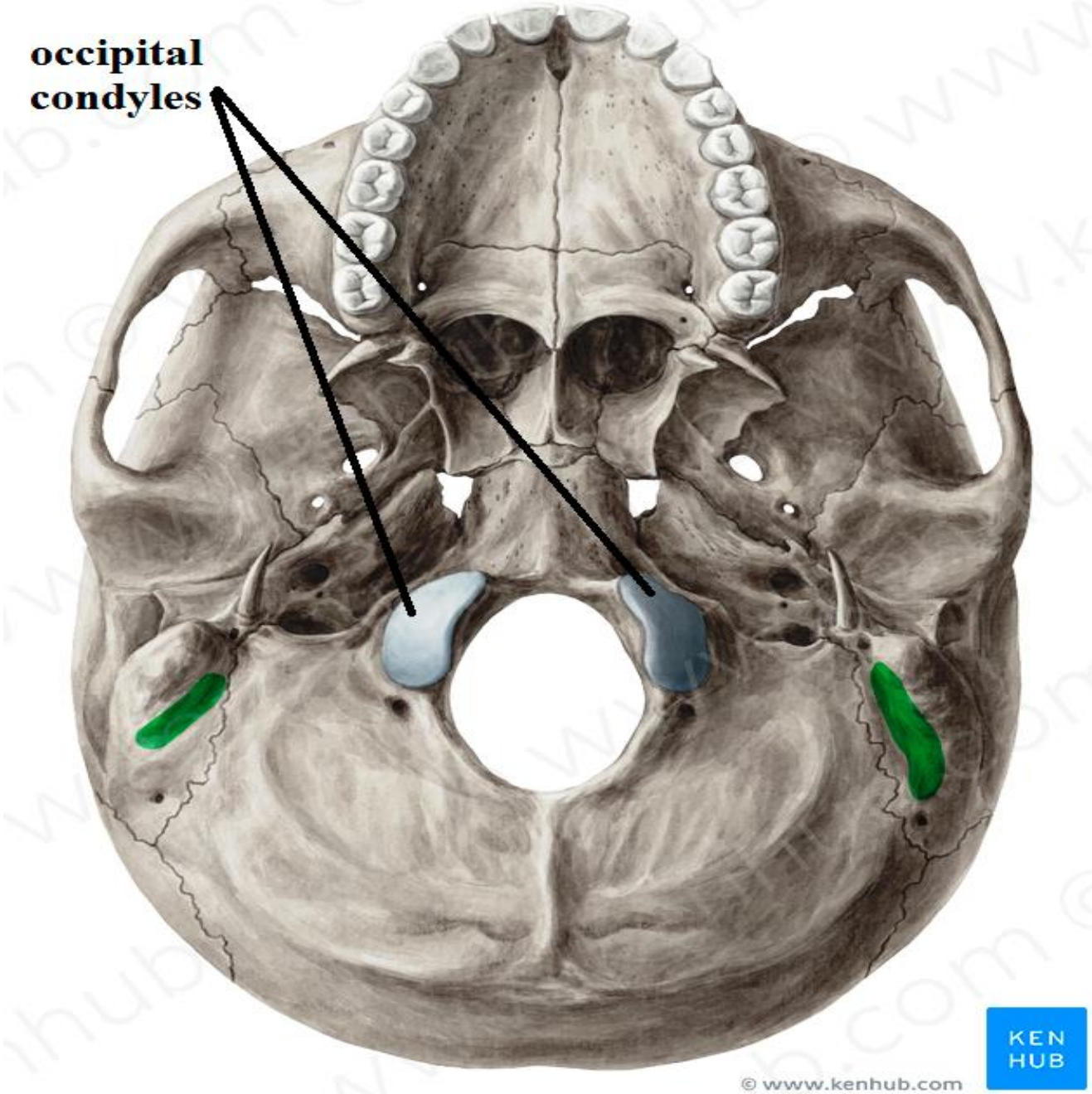
typical cervical vertebra. Superior aspect.




ANT.ARCH
ANT.TUBERCLE
POST.ARCH
LATERAL MASS
DENS
POST.TUBERCLE


atlas (C1)
transverse process
axis (C2)
C3
lateral mass
ant tub of atlas
C4
C5
post tub of transverse processa
C6
ant tub. of transvers process
vertebra prominens (C7)


occipital
condyles
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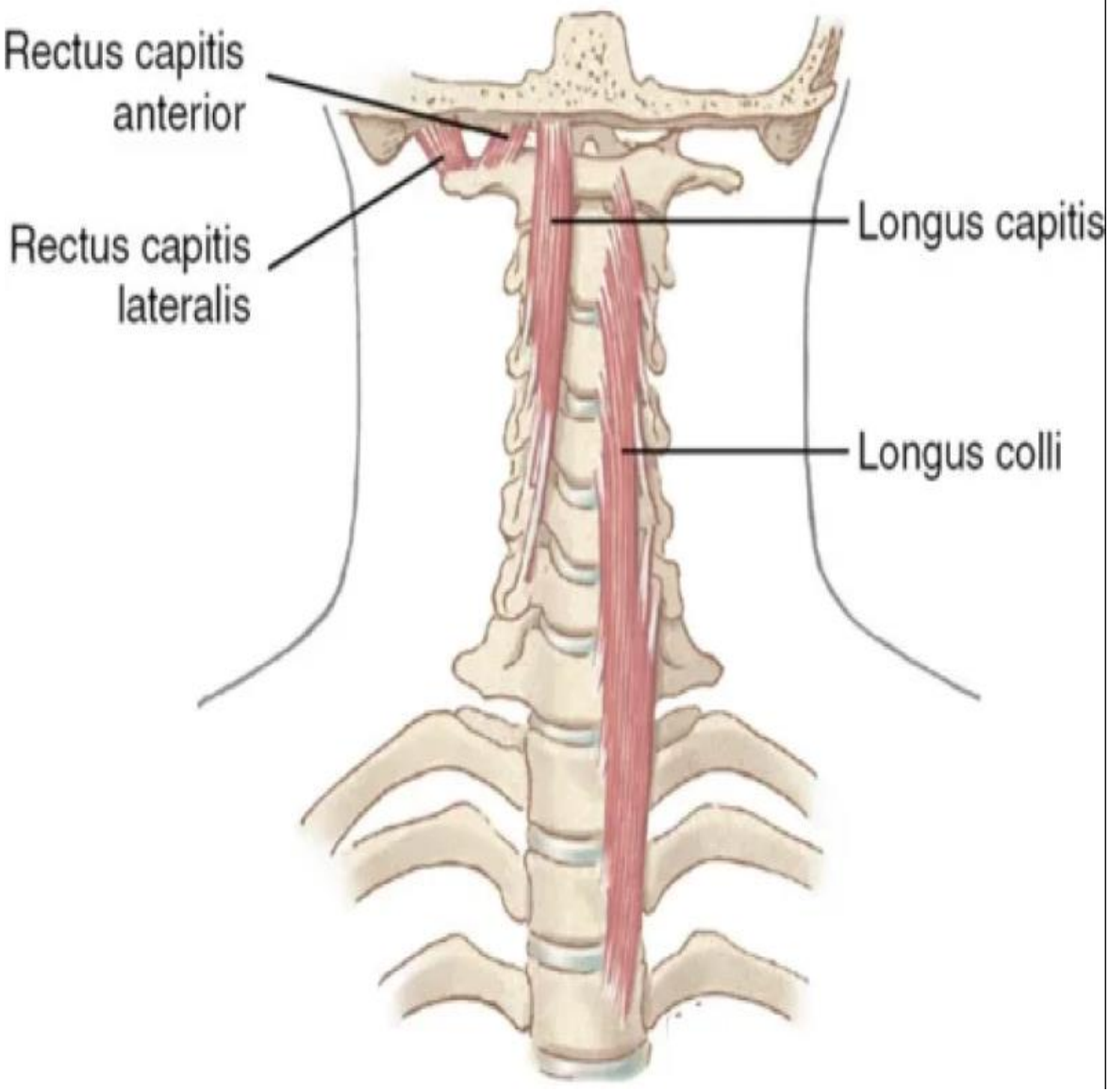
PREVERTEBRAL MUSCLES

1- Rectus capitis anterior
2- Rectus capitis lateralis
3- Longus coli
4- Longus capitis



PREVERTEBRAL MUSCLES

RECTUS CAPITIS ANTERIOR

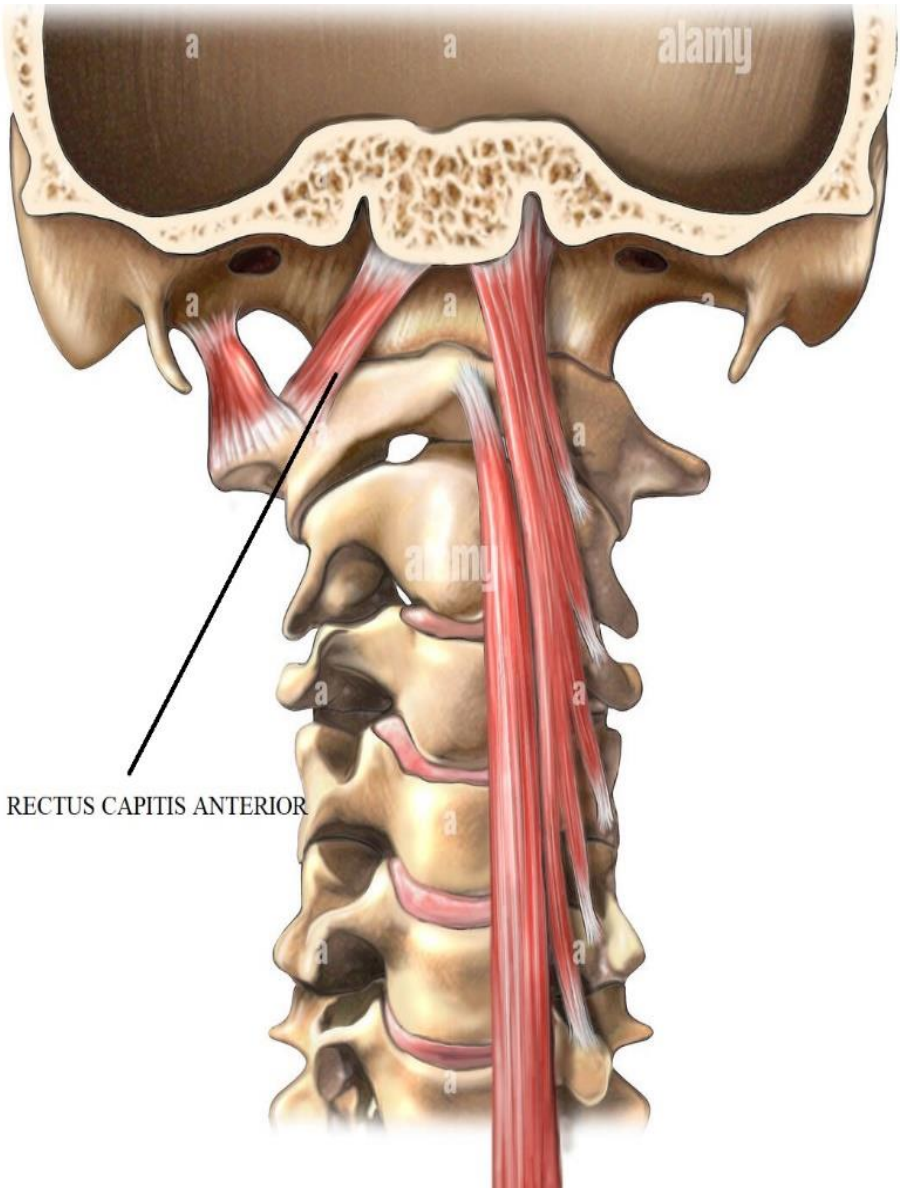
O.:- front of lateral mass of atlas

I.:- base of skull

ant. to occipital condyle.

A.:- flexion of head.

N.S. : ventral ramus of C 1 n.



PREVERTEBRAL MUSCLES

RECTUS CAPITIS LATERALIS

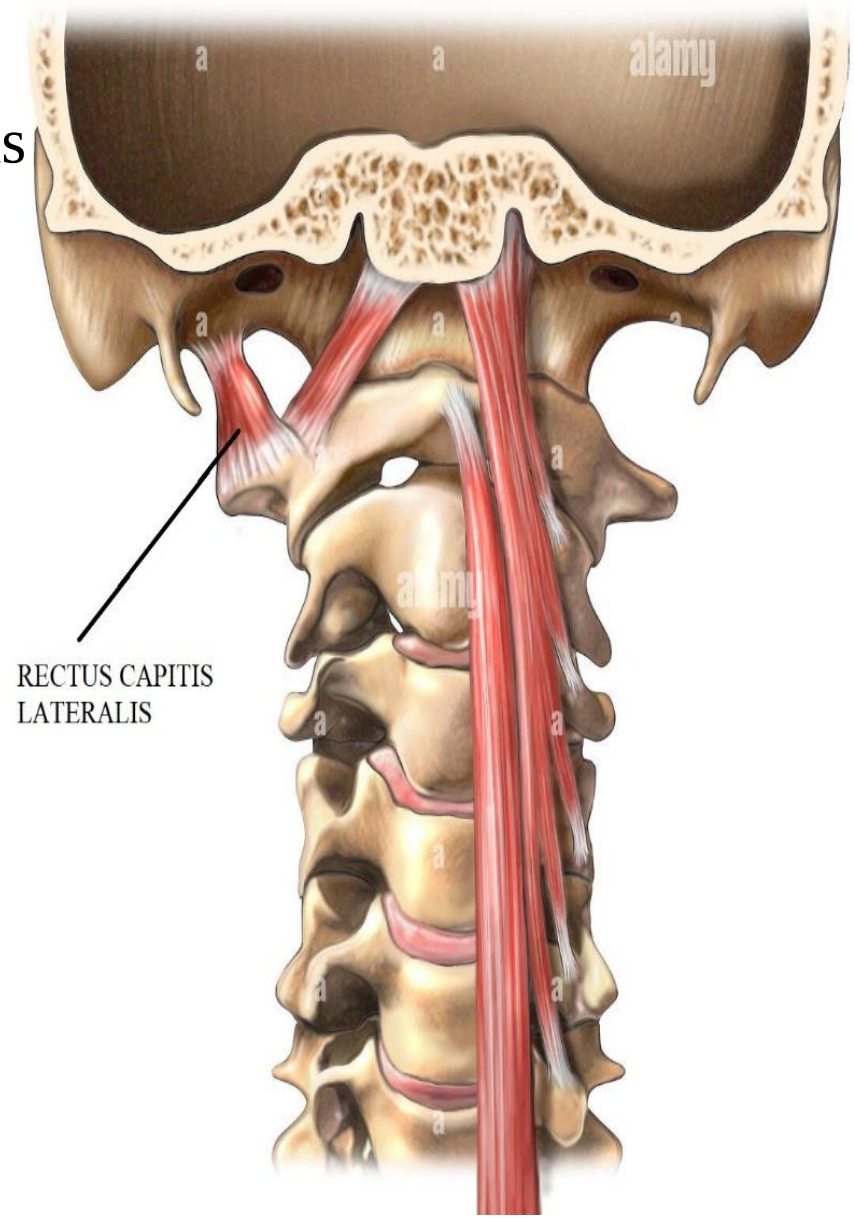
O.:- front of transverse Process of atlas

I. :- base of skull

lateral to occipital condyle .

A.:- lateral flexion of head.

N.S.:- ventral ramus of C 1 n.



PREVERTEBRAL MUSCLES

LONGUS COLLI (CERVICIS)

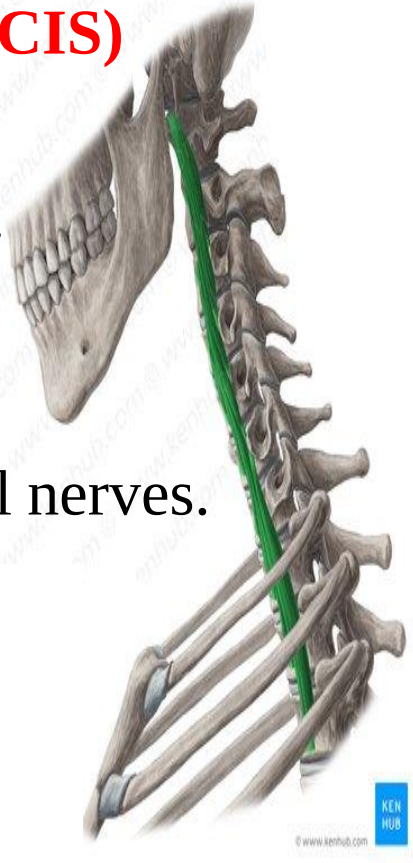
EXTENT:-

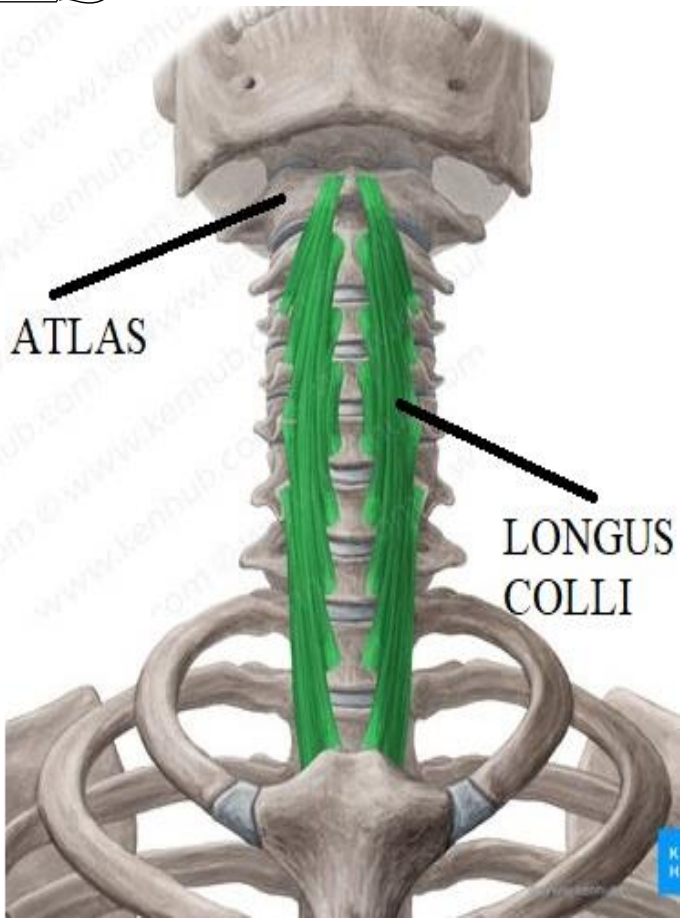
From:- 3rd thoracic vertebra.

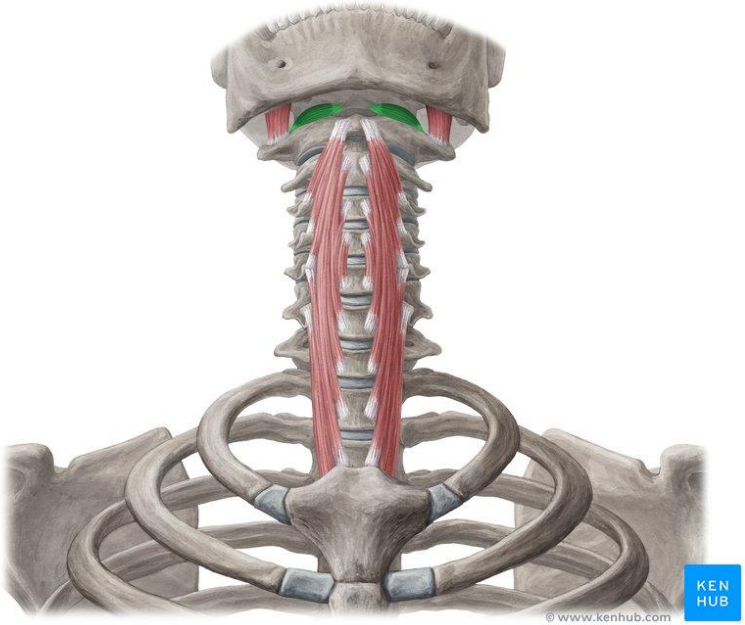
To:- ant. tubercle of atlas.

A.:- flexion of neck.

N.S.: ventral rami of cervical nerves.







PREVERTEBRAL MUSCLES

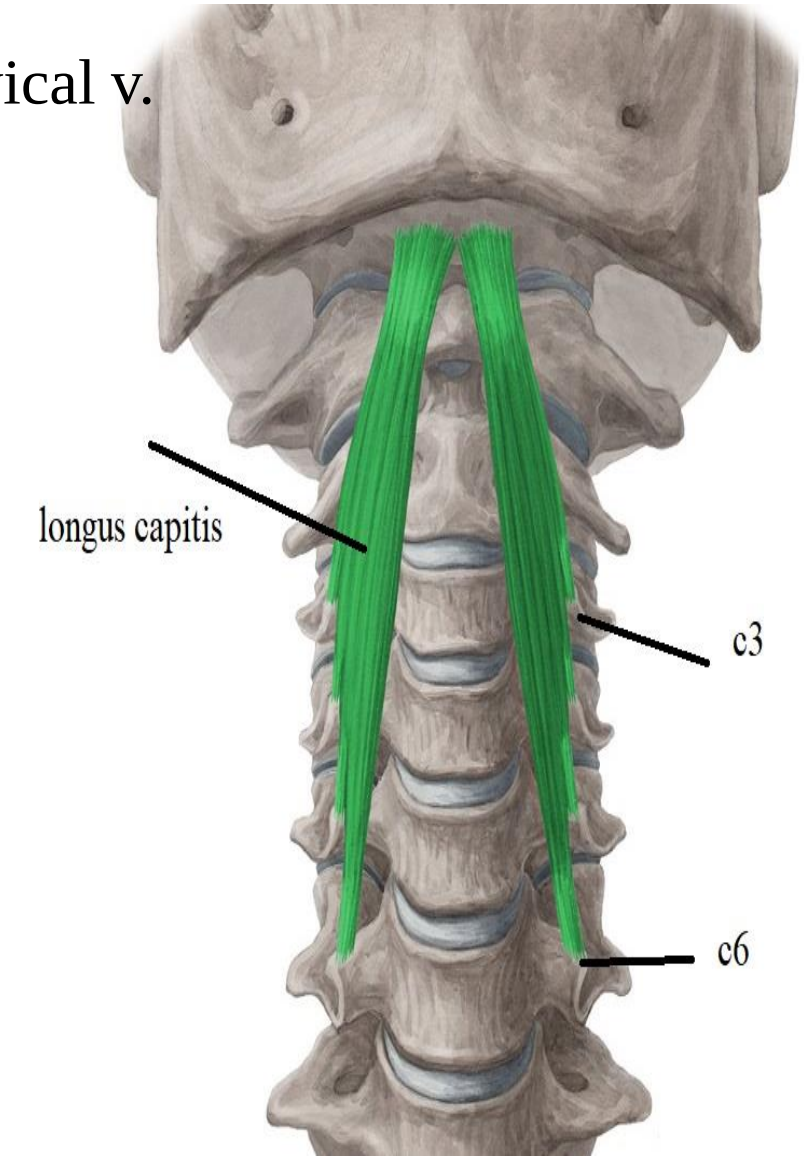
LONGUS CAPITIS

O.:- transverse Processes of typical cervical v.

I.:- basilar part of occipital bone

A.:- flexion of head

N.S.:- ventral rami of cervical nerves



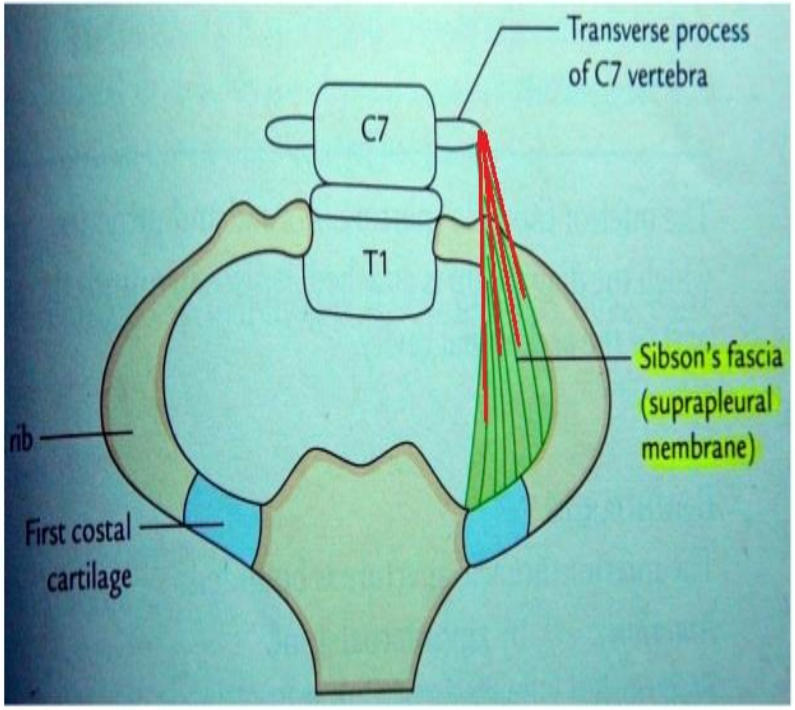
PARAVERTEBRAL MUSCLES

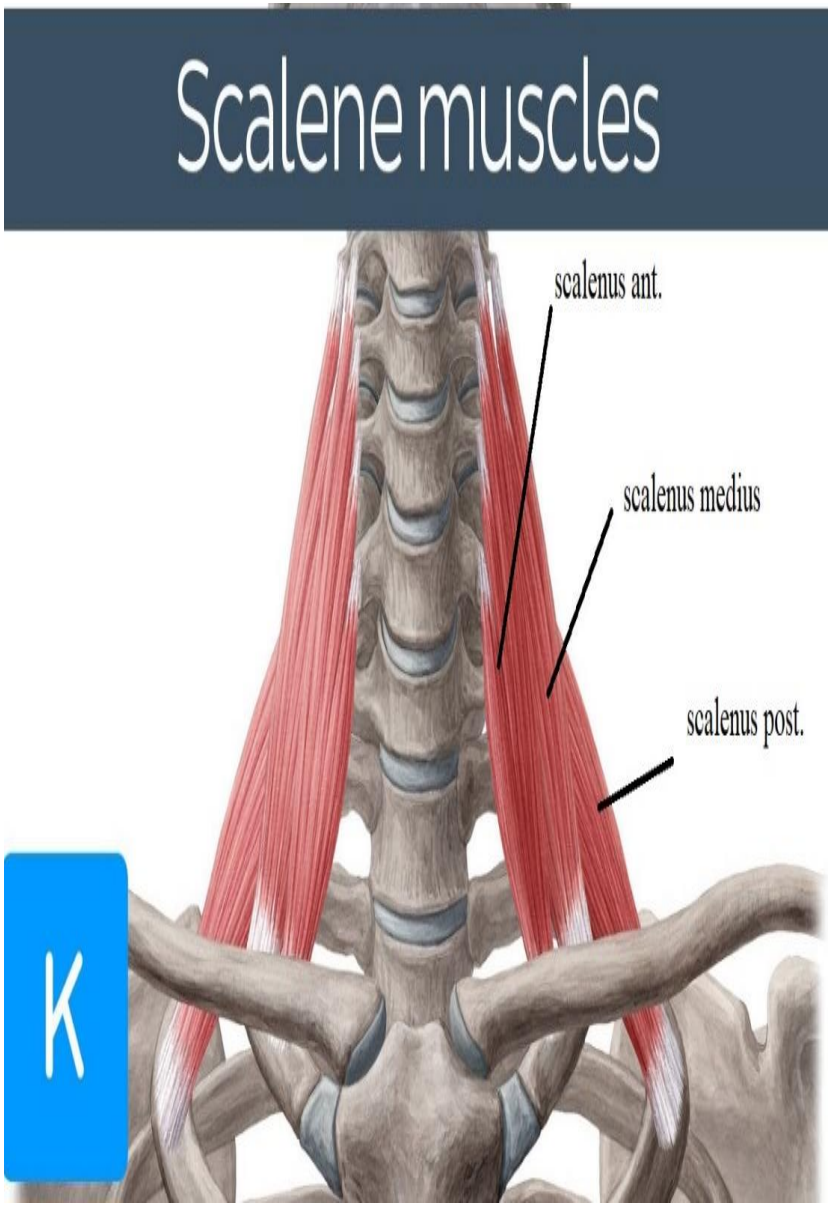
1- Scalenus minimus

2- Scalenus anterior

3- Scalenus medius

4- Scalenus posterior





PARAVERTEBRAL MUSCLES

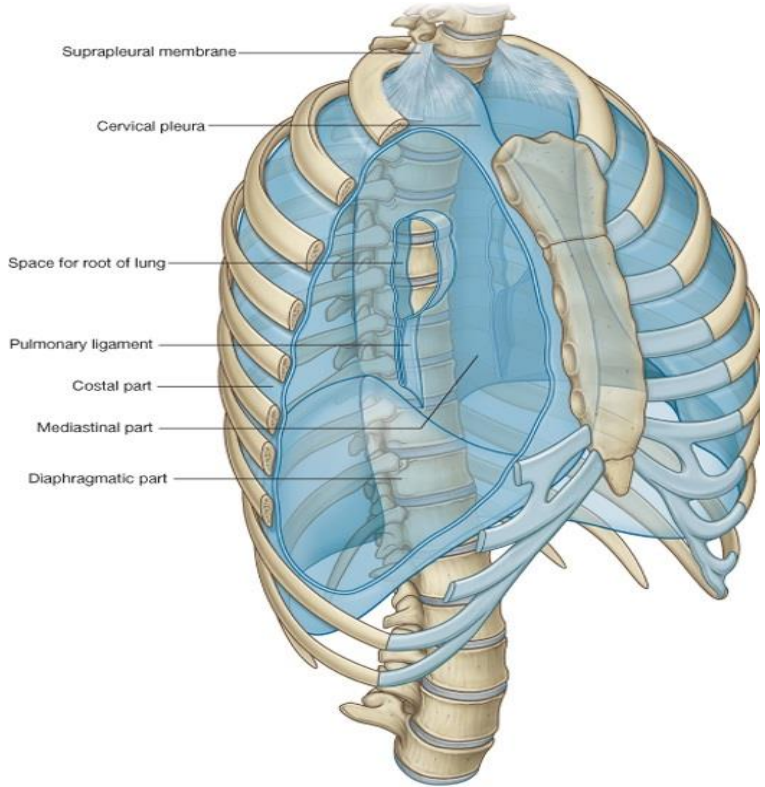
SCALENUS MINIMUS (PLEURALIS)

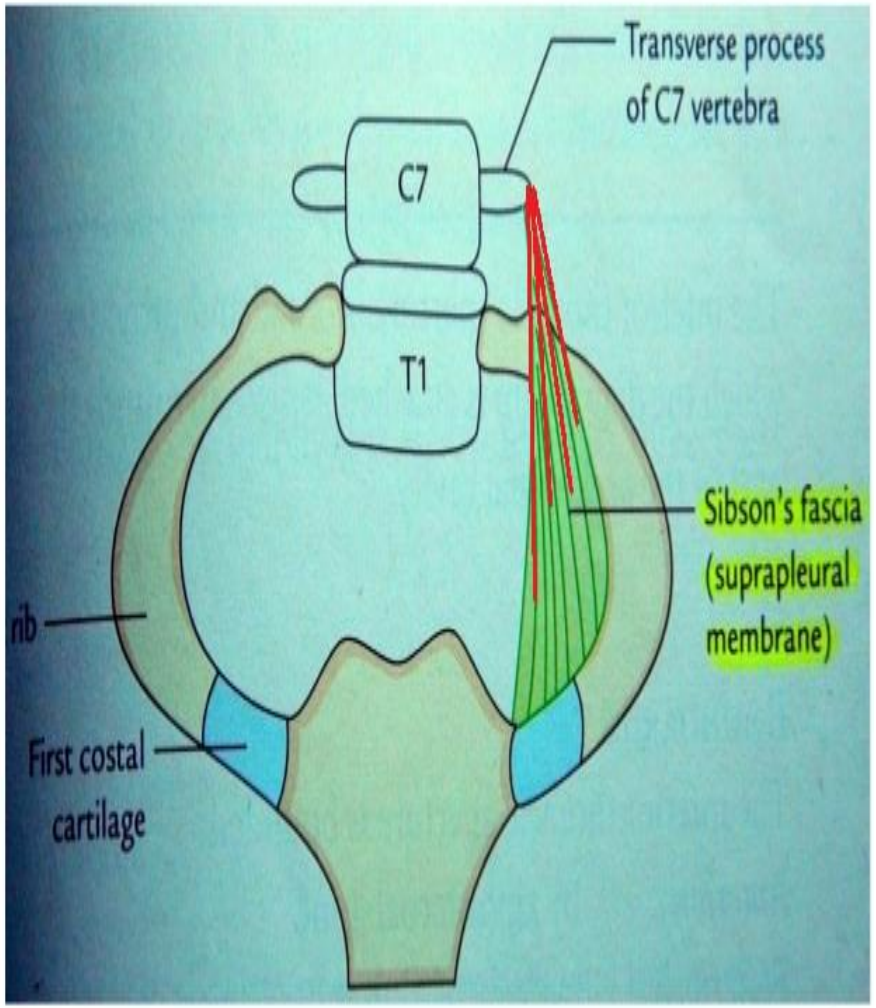
O.:- tip of tr. process of C 7 vertebra

I.:- suprapleural membrane

A.:- tense the suprapleural membrane

N.S.:- ventral ramus of C 7 n.





Head
SCALENUS MEDIUS
Subclavian Groove
SCALENUS ANTERIOR
Groove for Subclavian Vein
1st

PARAVERTEBRAL MUSCLES

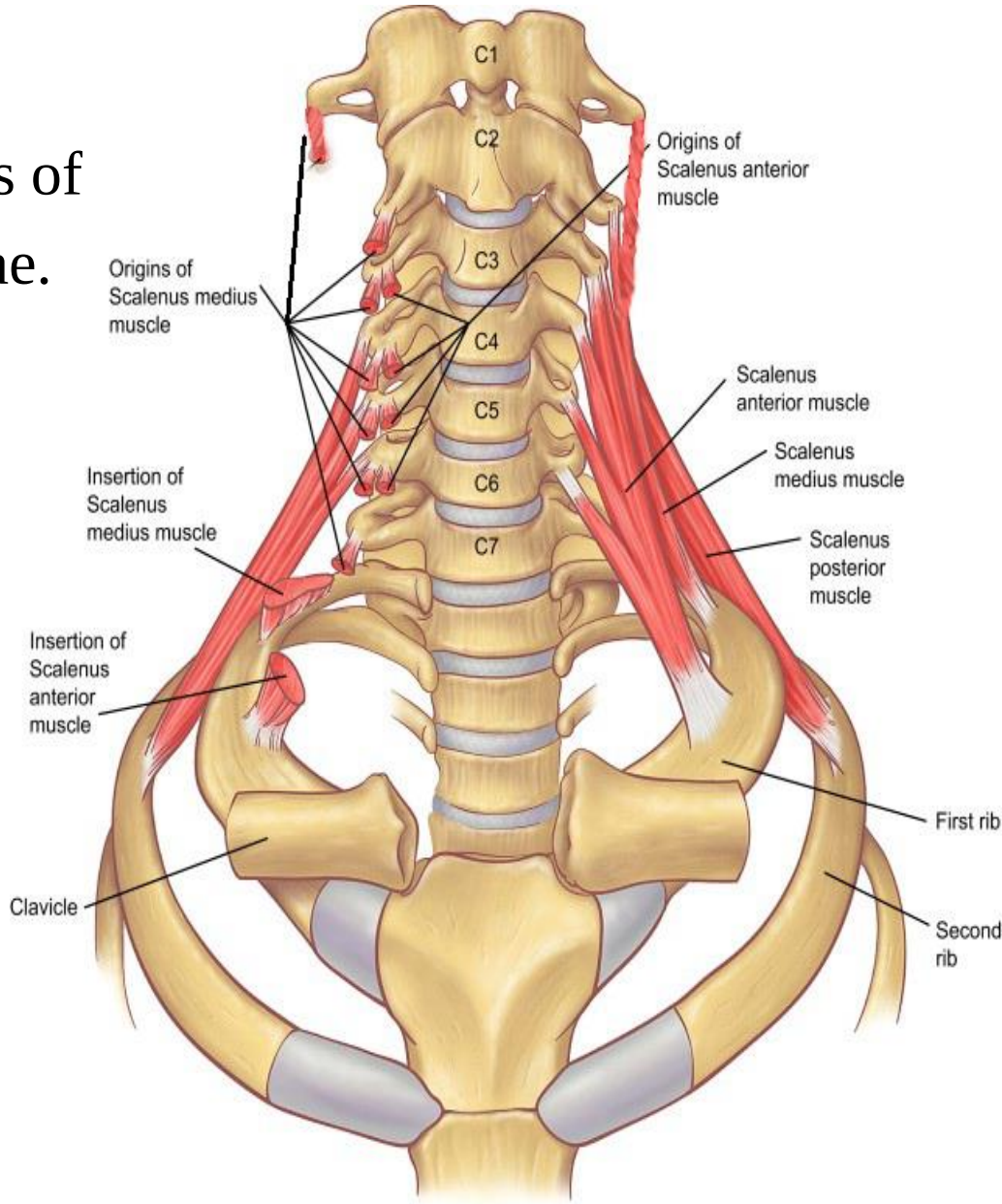
SCALENUS ANTERIOR

O.:- ant. tubercle of tr. Processes of 3, 4, 5, 6 cervical vertebrae.

I.:- scalene tubercle of 1st rib

A.: lateral flexion of neck.
elevation of 1st rib
in forced inspiration.

N.S.:- ventral rami of 4, 5, 6, 7 cervical nerves.



PARAVERTEBRAL MUSCLES

SCALENUS MEDIUS:

O.:- post. tubercle of tr. Processes of all cervical vertebrae.

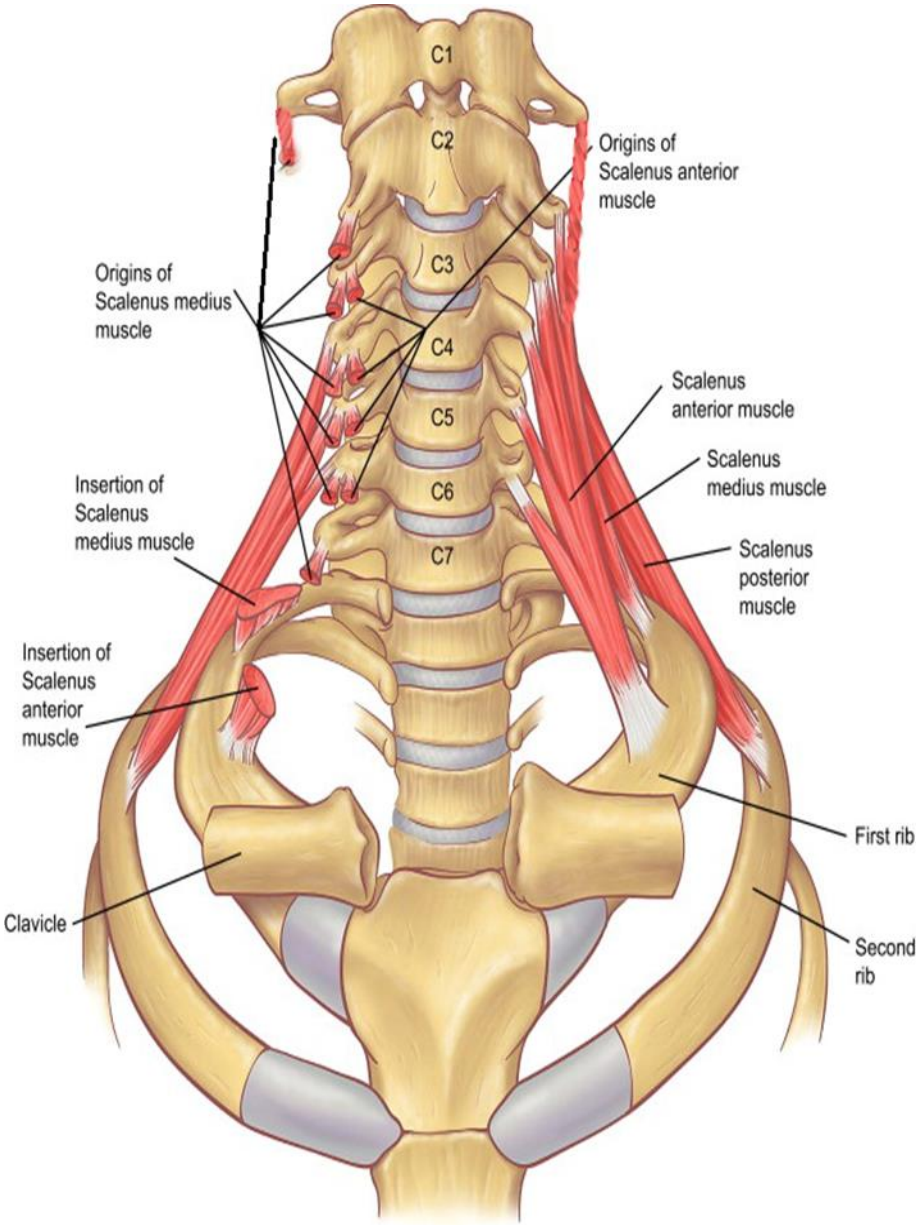
I.:- upper surface of 1st rib

A.:- lateral flexion of neck.

elevation of 1st rib

in forced inspiration.

N.S.:- ventral rami of all cervical nerves.



PARAVERTEBRAL MUSCLES

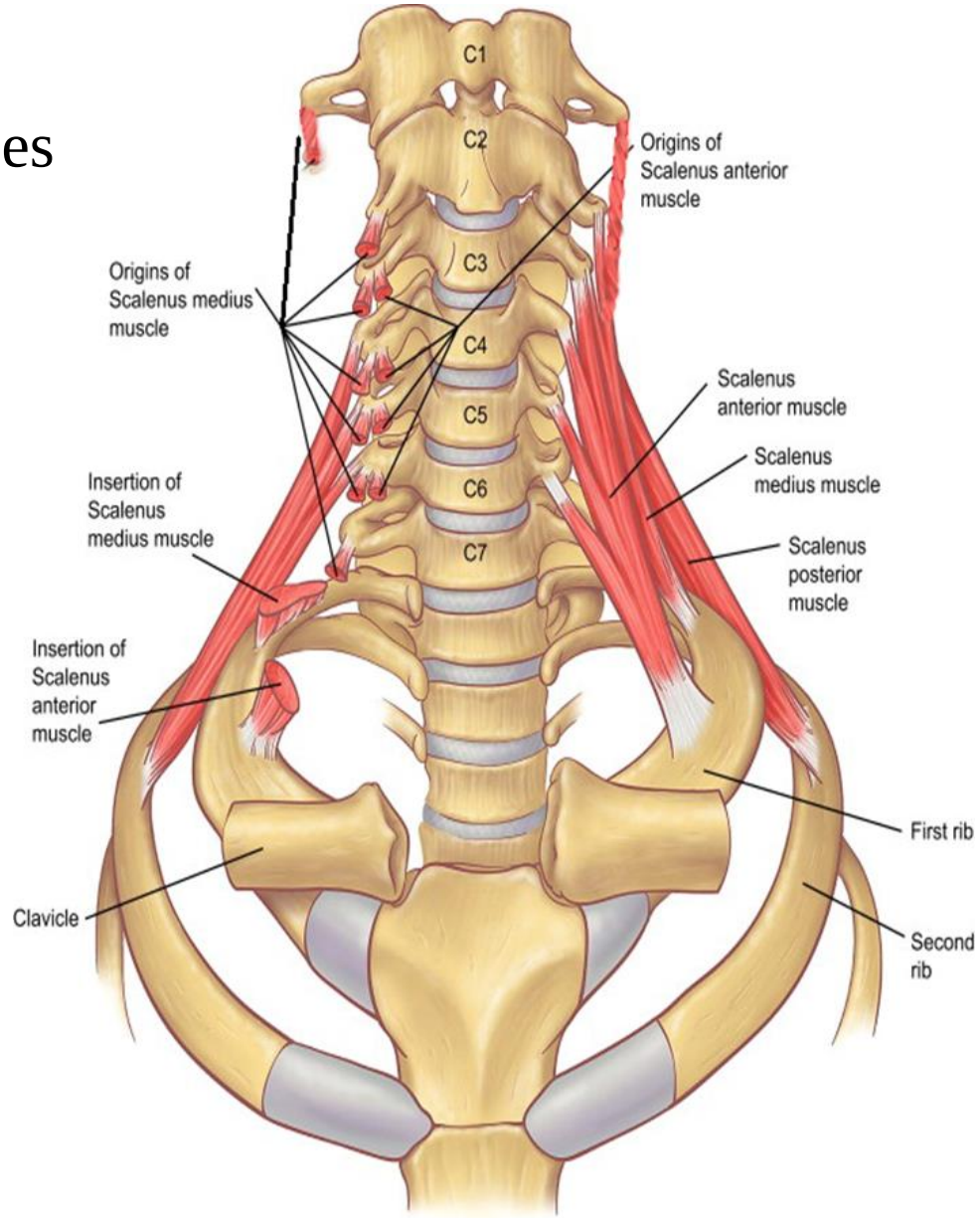
SCALENUS POSTERIOR:

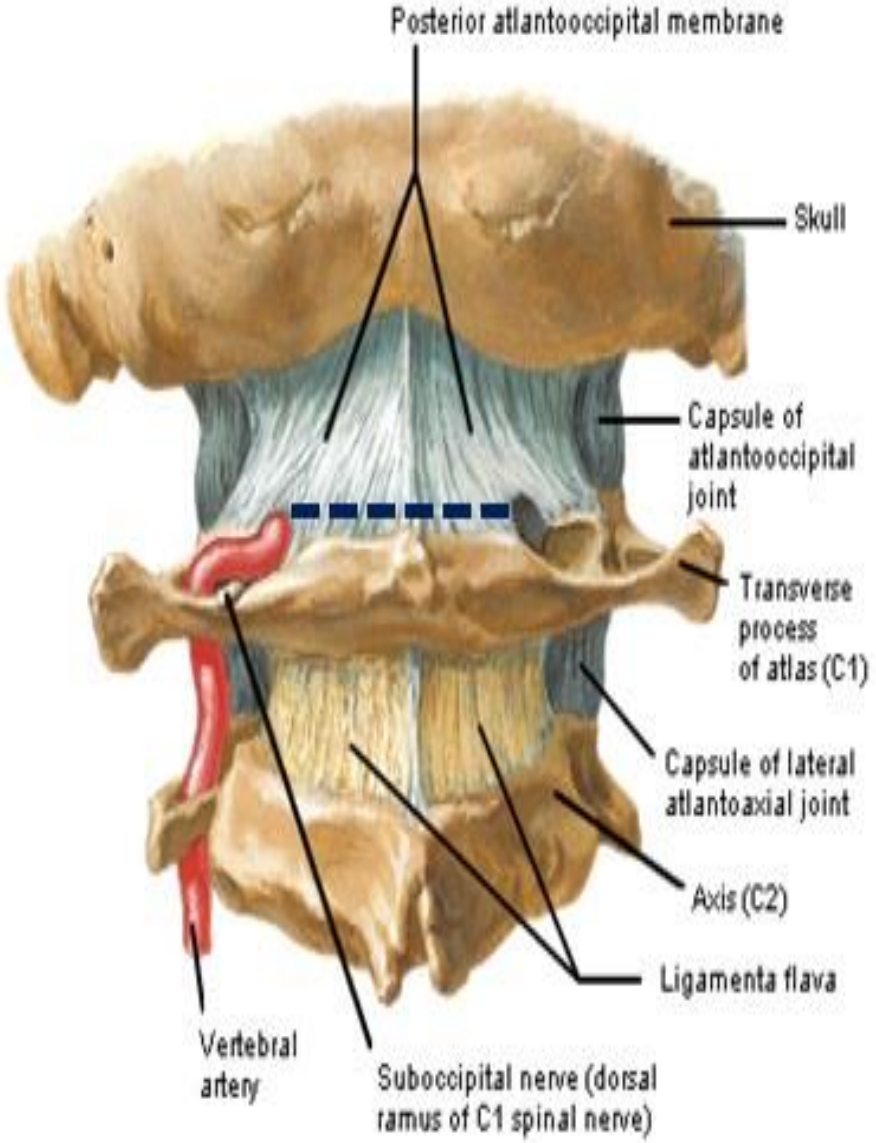
O.:- post. tubercle of tr. Processes of 4, 5, 6 cervical vertebrae.

I. -: 2nd rib.

A.:- lateral flexion of neck. elevation of 2nd rib in forced inspiration.

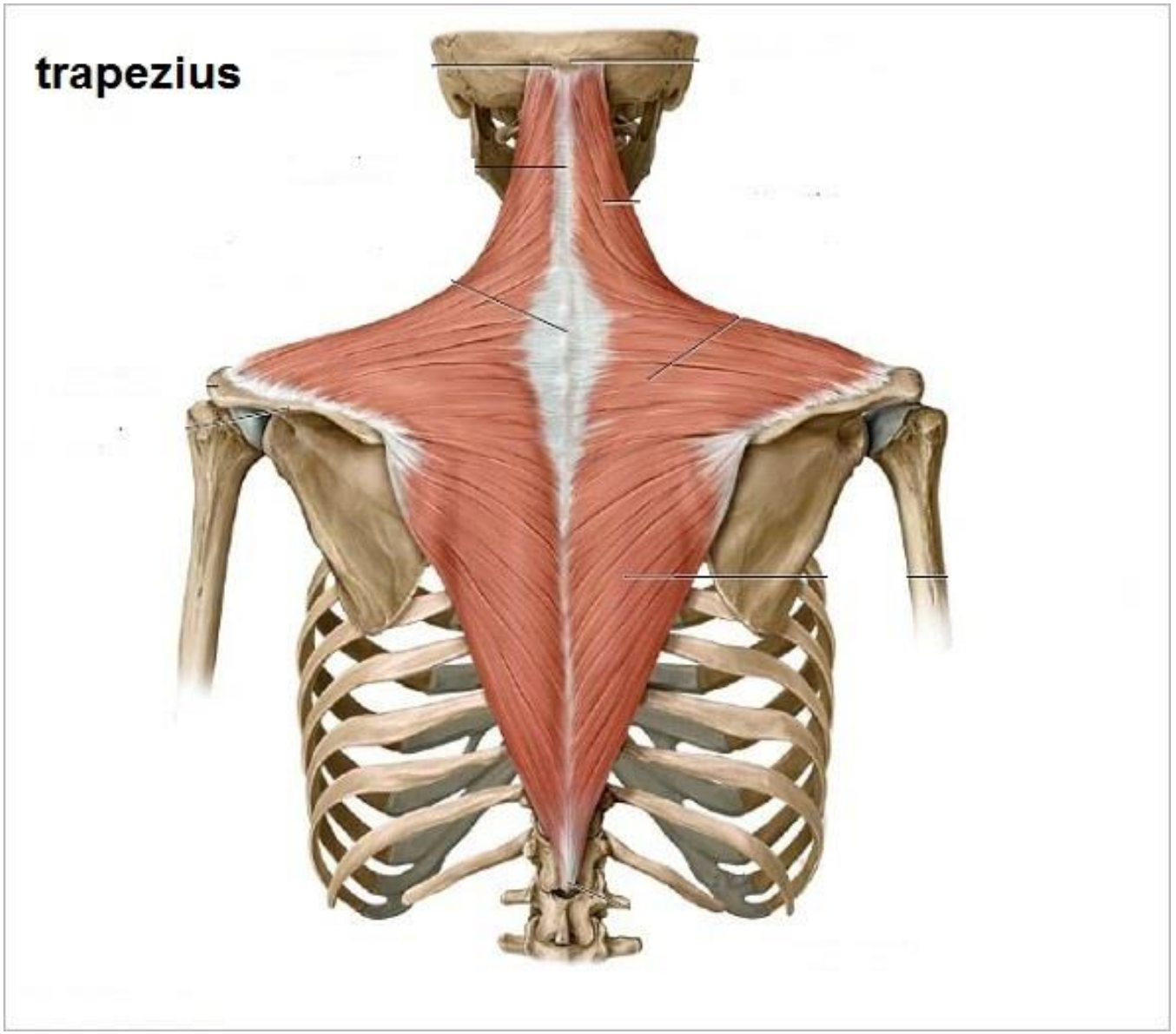
N.S.:- ventral rami of C 5, 6 , 7 nerves.




Posterior atlantooccipital membrane
Skull
Capsule of atlantooccipital joint
Transverse process of atlas (C1)
Capsule of lateral atlantoaxial joint
Axis (C2)
Ligamenta flava
Vertebral artery
Suboccipital nerve (dorsal ramus of C1 spinal nerve)

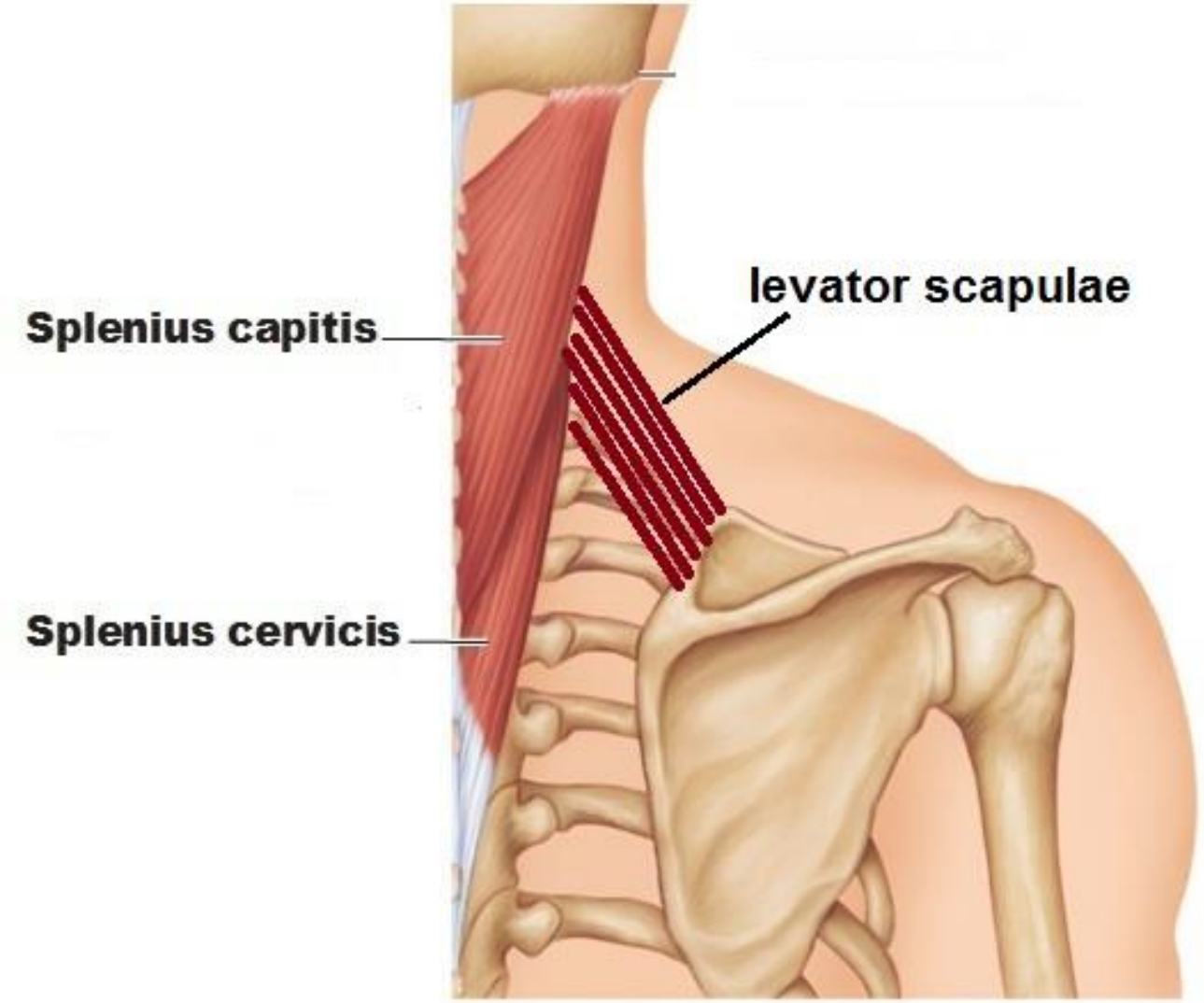
POSTVERTEBRAL MUSCLES

1ST LAYER



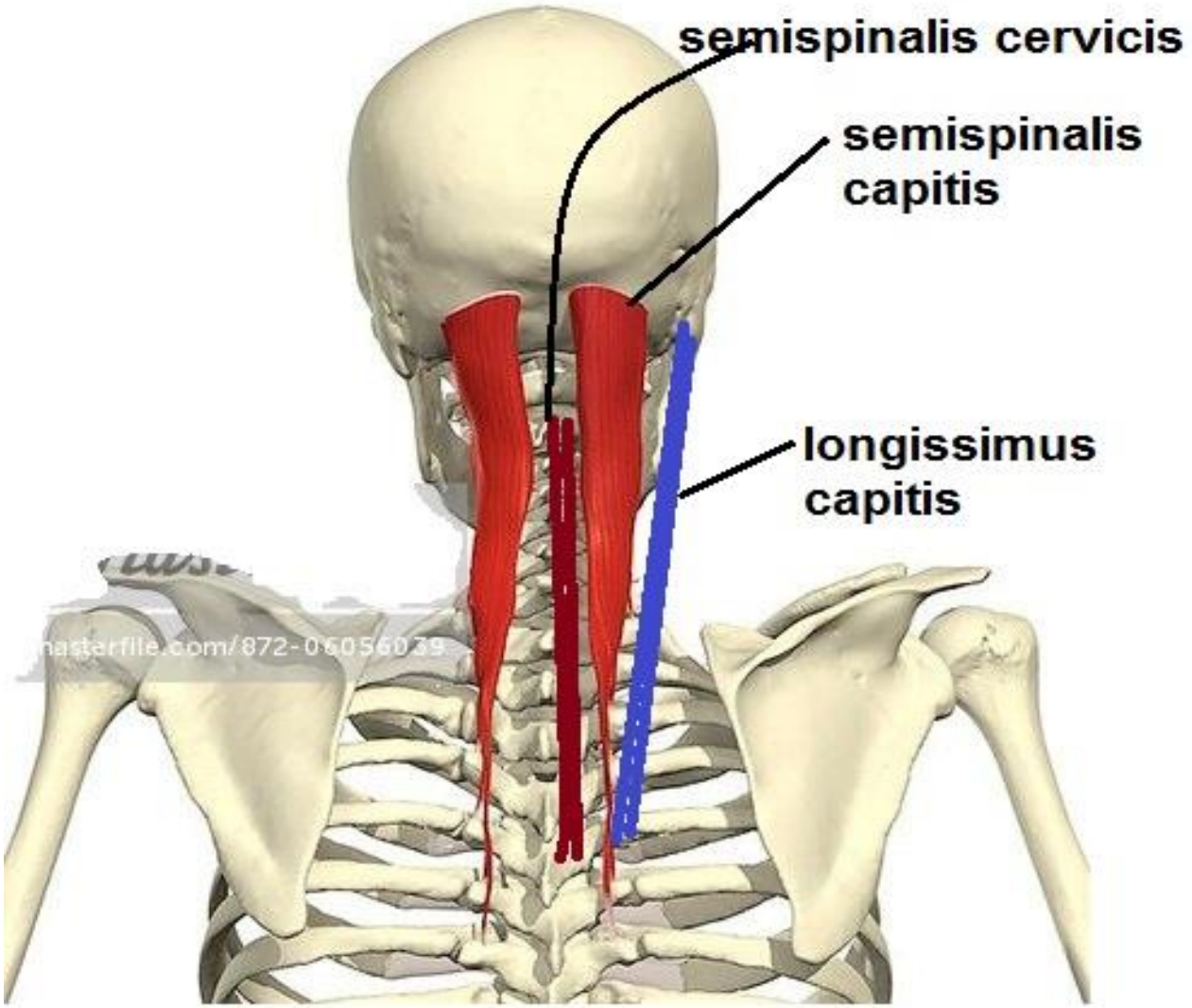
POSTVERTEBRAL MUSCLES

2ND LAYER



POSTVERTEBRAL MUSCLES

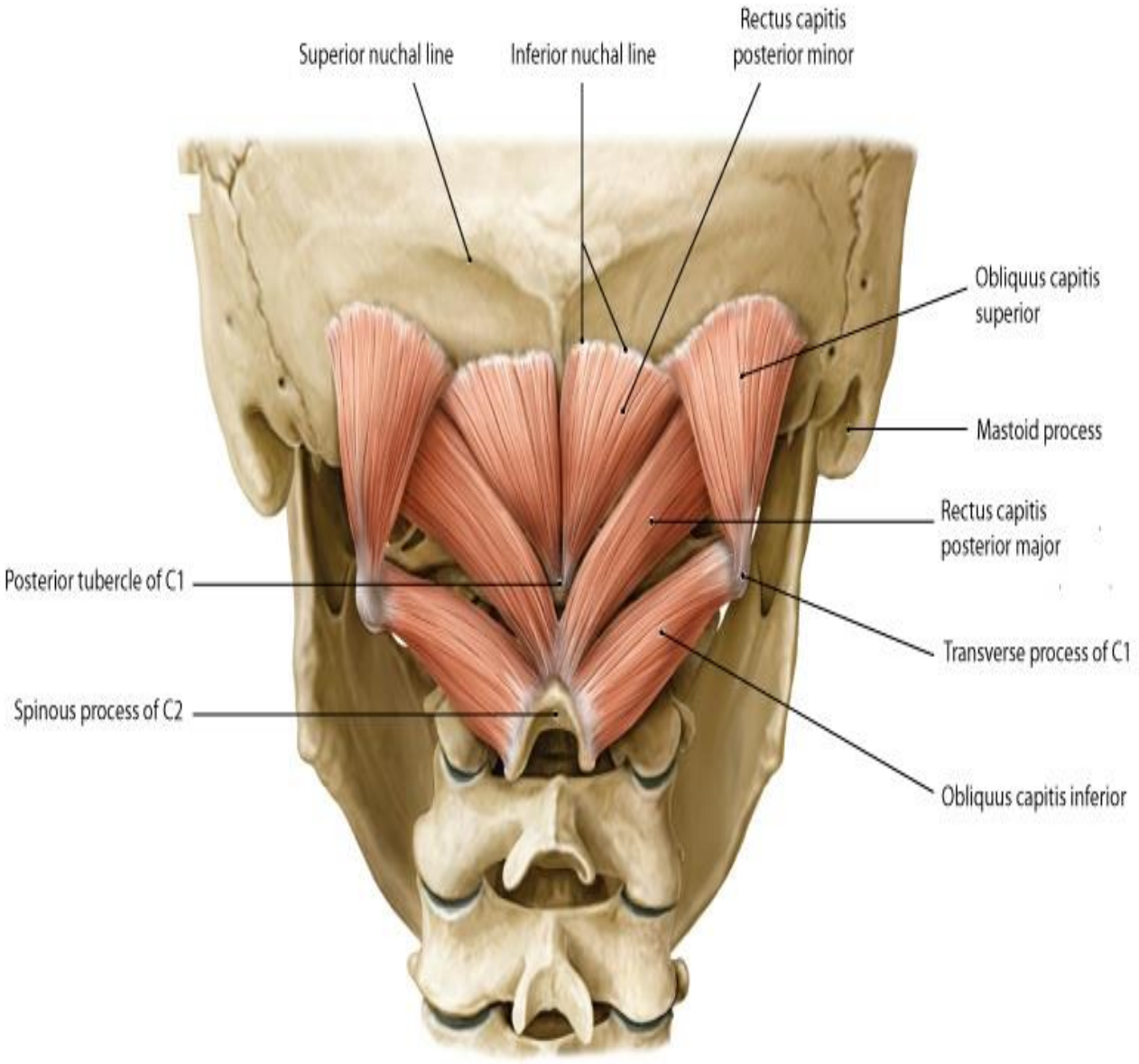
3RD LAYER



POSTVERTEBRAL MUSCLES

4TH LAYER

(SUBOCCIPITAL MUSCLES)



POSTVERTEBRAL MUSCLES

RECTUS CAPITIS POSTERIOR MINOR

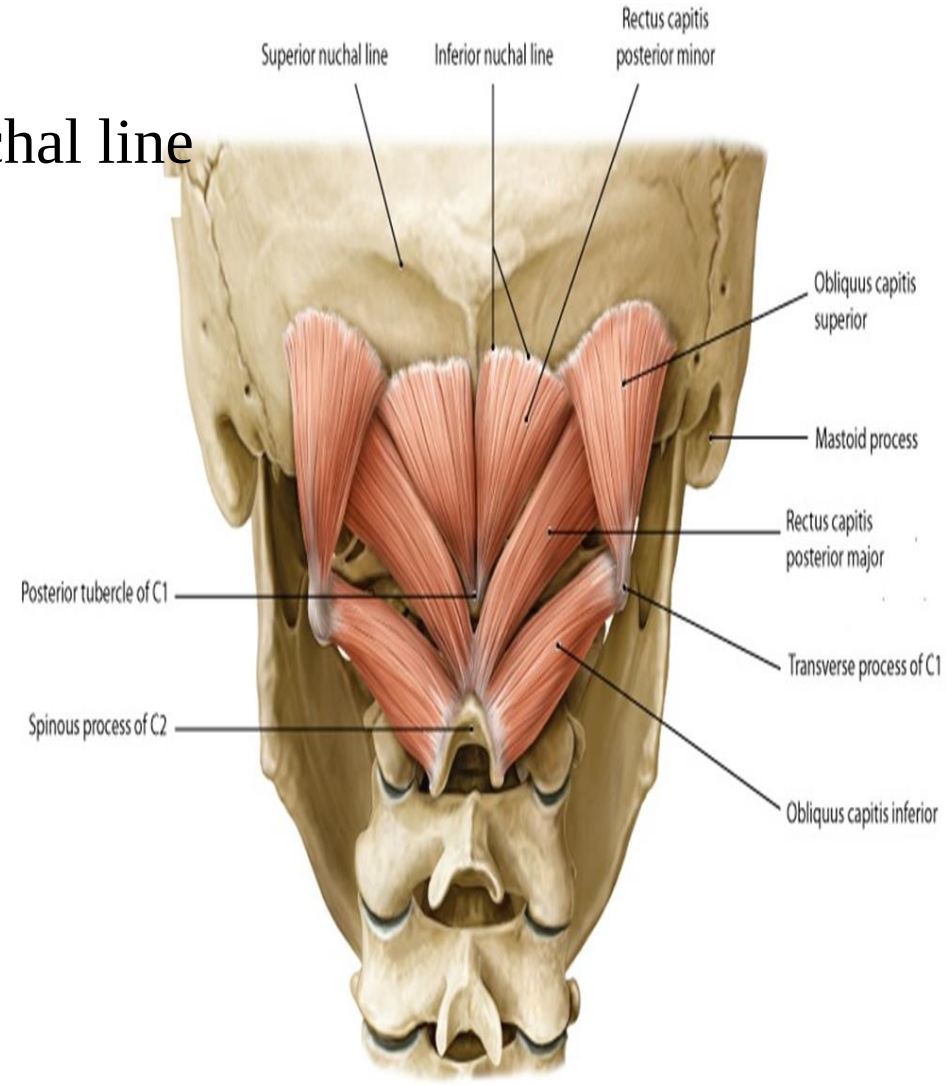
O.:-Posterior tubercle of CI

I.:- Medial area below inferior nuchal line

A. Extends head

N.S.:- Suboccipital n.

(dorsal ramus of CI n.)



POSTVERTEBRAL MUSCLES

RECTUS CAPITIS POSTERIOR MAJOR

O.:- Spine of C2

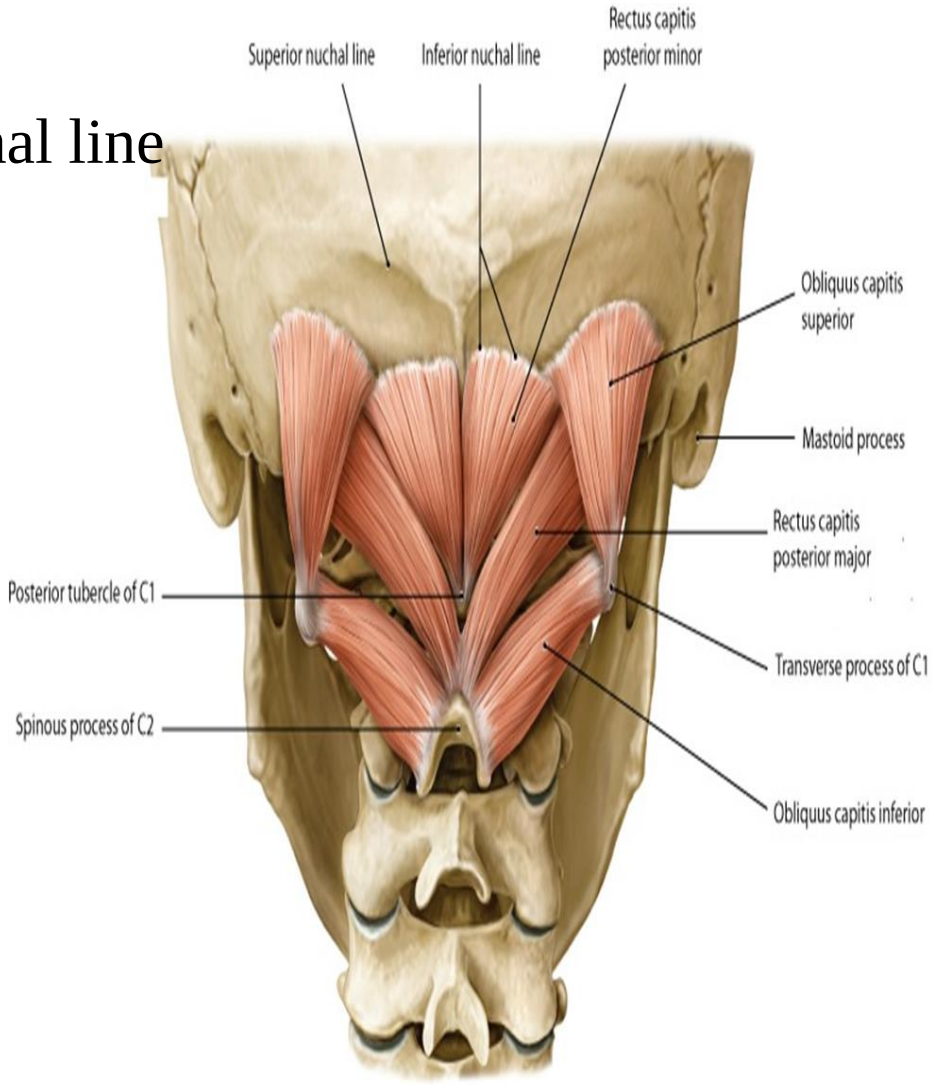
I.:-Lateral area below inferior nuchal line

A. extends head

turns face to same side

N.S.:- Suboccipital n.

(dorsal ramus of CI n.)



POSTVERTEBRAL MUSCLES

INFERIOR OBLIQUE

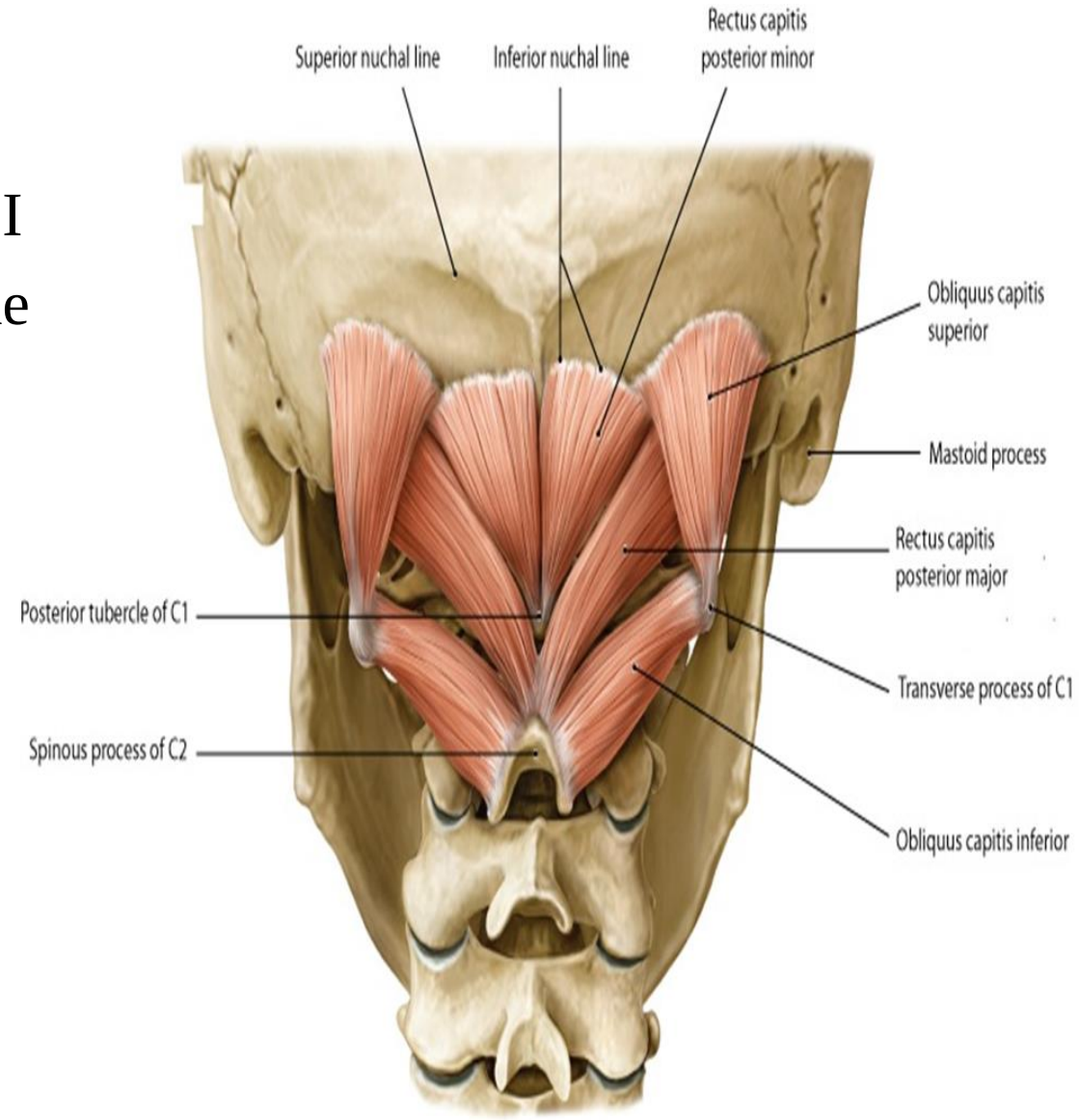
O.:- Spine of C2

I.:- Transverse process of CI

A. Turns face to same side

N.S.:- Suboccipital n.

(dorsal ramus of CI n.)



POSTVERTEBRAL MUSCLES

SUPERIOR OBLIQUE

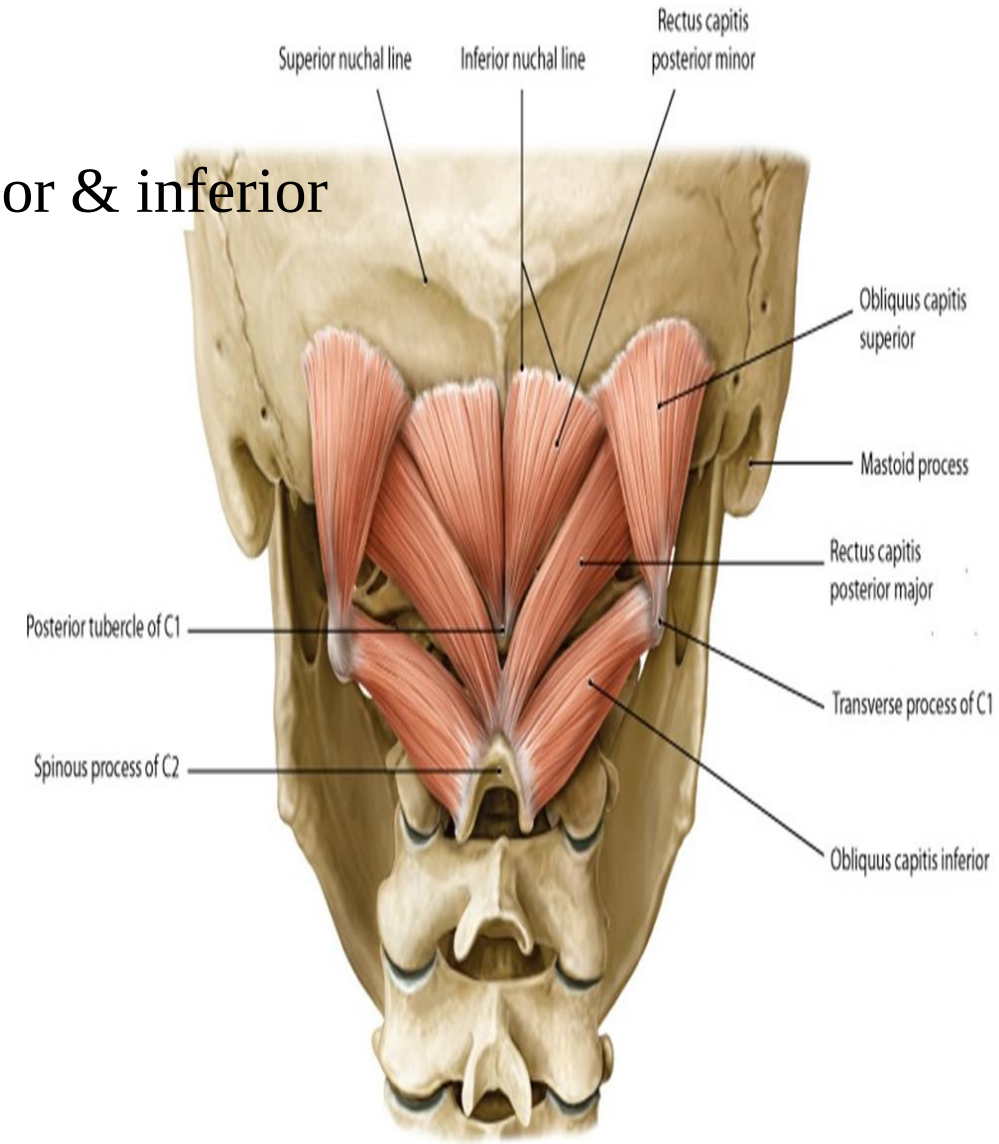
O.:- Transverse process of CI

I.:- Lateral area between superior & inferior nuchal lines

A. Extends head

N.S.:- Suboccipital n.

(dorsal ramus of CI n.)



SUBOCCIBITAL TRIANGLE

Boundaries:-

Inferior: - inferior oblique

Above & lateral: - superior oblique

Above & medial: -

rectus capitis post. Major & minor

Roof: -

semispinalis capitis &

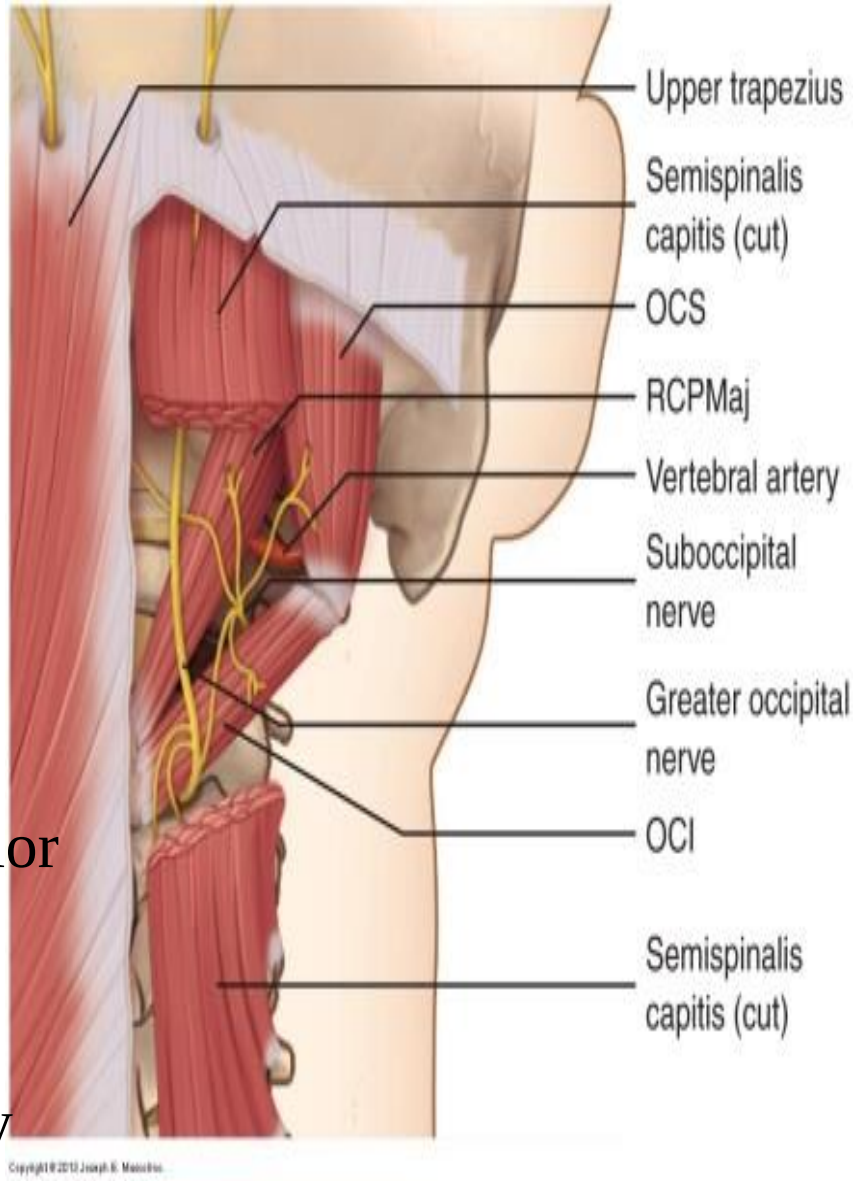
longissimus capitis &

greater occipital nerve

Floor: - posterior arch of atlas & posterior atlanto-occipital membrane

Contents: - dorsal ramus of c1

3rd part of vertebral artery




THANQ