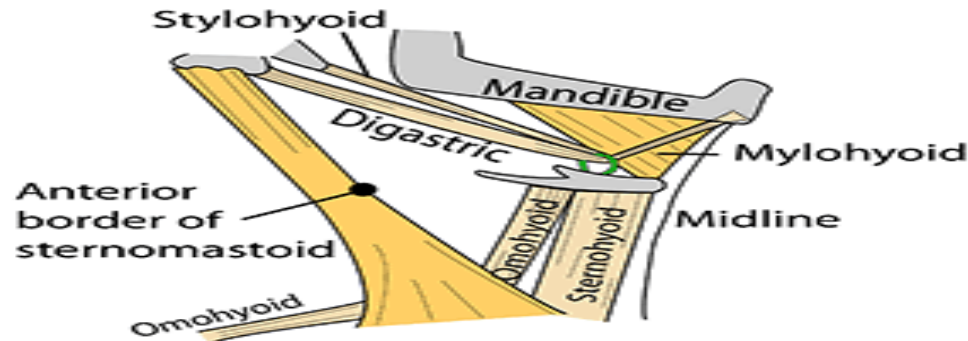


Infrahyoid muscles

- The **infrahyoid muscles (strap muscles)** are a group of four pairs of muscles in the anterior (frontal) part of the neck.
-
- The four infrahyoid muscles are:
the sternohyoid, sternothyroid, thyrohyoid and omohyoid muscles.
- The infrahyoid muscles either originate from or insert on to the hyoid bone.

ANTERIOR TRIANGLE OF NECK SUPRAHYOID AND STRAP MUSCLES

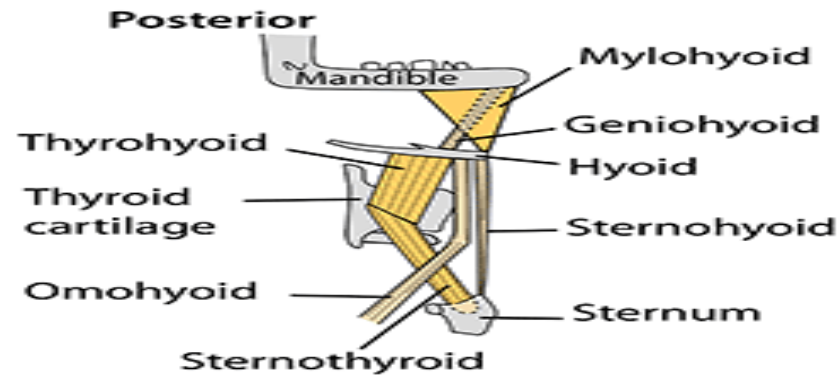


- | | | |
|---------------|---|--------------|
| Digastric | — | Superficial |
| Stylohyoid | — | Superficial |
| Mylohyoid | — | Intermediate |
| Geniohyoid | — | Deep |
| | | |
| Sternohyoid | — | Superficial |
| Omohyoid | — | Superficial |
| Sternothyroid | — | Deep |
| Thyrohyoid | — | Deep |

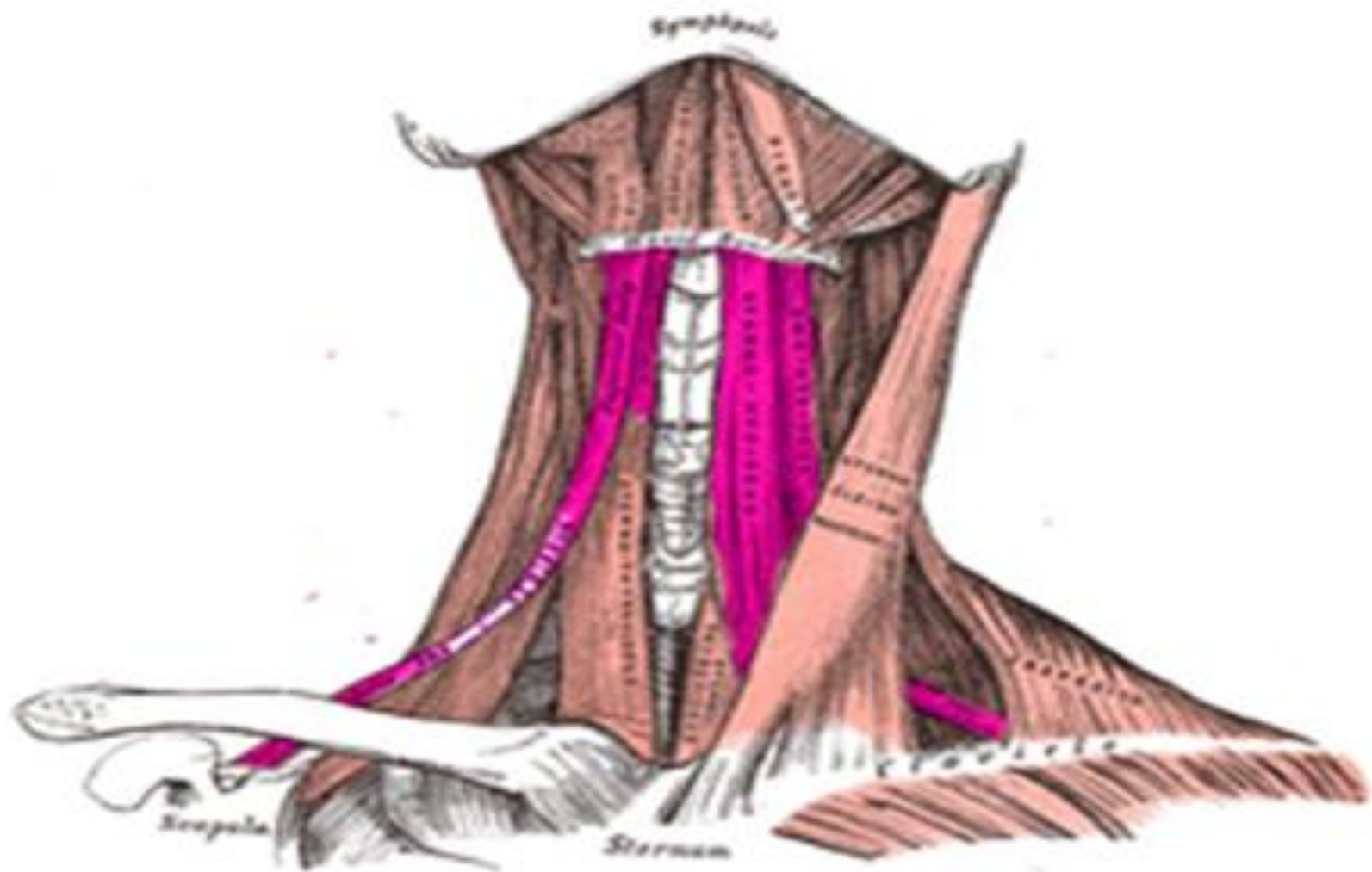
Sternomastoid: Each acting alone gives flexion & lateral rotation but acting together - protrusion of head
N: Spinal root of accessory (C1-5)

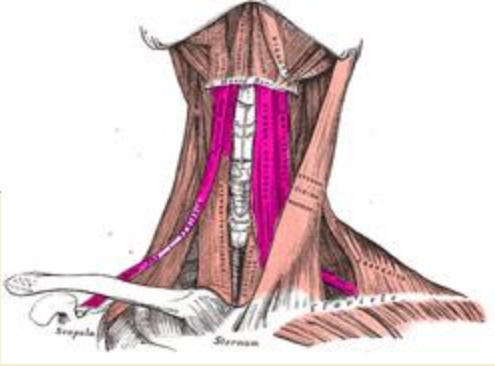
MUSCLES

Lie between pretracheal & investing fasciae. Supplied by anterior rami of C1-3, ansa cervicalis, facial nerve & nerve to mylohyoid (Vc)



- The term infrahyoid refers to the region below the [hyoid bone](#), while the term strap muscles refers to the long and flat muscle shapes which resembles a [strap](#). The [stylopharyngeus](#) muscle is considered by many to be one of the strap muscles, but is not an infrahyoid muscle.





Infrahyoid muscles

[Muscles of the neck](#) seen from the front. The infrahyoid muscles are coloured in violet.

Details

[Nerve](#)

[Ansa cervicalis](#)

[Actions](#)

[Depress](#) the [hyoid bone](#)

Muscle	Origin	Insertion	Innervation
Sternohyoid	Posterior surface of manubrium sterni , adjoining parts of clavicle and the posterior sternoclavicular ligament	Medial part of lower border of hyoid bone	Ansa cervicalis
Sternothyroid	Posterior surface of manubrium sterni and adjoining part of first costal cartilage	Oblique line of thyroid cartilage	Ansa cervicalis
Thyrohyoid	Oblique line of the thyroid cartilage	Lower border of the body and the greater cornu of the hyoid bone	Cervical spinal nerve 1 via the hypoglossal nerve
Omohyoid (superior belly)	Intermediate tendon	Hyoid bone	Superior root of ansa cervicalis (C1)
Omohyoid (inferior belly)	Superior border of scapula	Intermediate tendon	Ansa cervicalis (C1-C3)

- **Nerve supply**
- All of the infrahyoid muscles are innervated by the [ansa cervicalis](#) from the [cervical plexus](#) ([C1](#)-[C3](#)) except the thyrohyoid muscle, which is innervated by fibers only from the [firstcervical spinal nerve](#) travelling with the [hypoglossal nerve](#).
- Function[[edit](#)]
- The infrahyoid muscles function to depress the hyoid bone and [larynx](#) during [swallowing](#) and speech.