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NECK

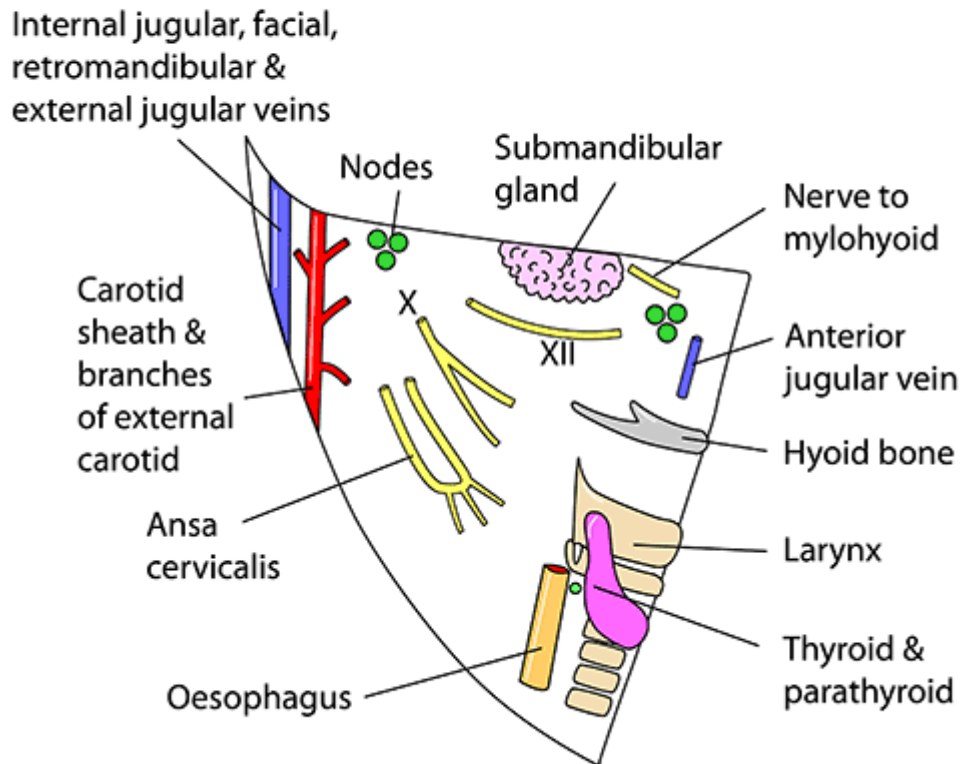
- [Deep fascia of neck](#)
- Neck flexion
- Neck extension
- Neck rotation

head flexion	longus colli
head extension	rectus capitis posterior (minor , major) , semispinalis capitis , splenius capitis
Neck flexion	sternocleidomastoid (together) , longus colli , longus capitis , rectus capitis anterior
Neck extension	
Neck and head rotation	obliquus capitis inferior ,
Neck and head lateral flexion / side bend	rectus capitis lateralis , longissimus capitis
Neck skin tension	Platysma
Face turning	Sternocleidomastoid
elevation of sternum	sternocleidomastoid
depression of sternum	
opening jaw / depression of mandible	digastric muscle , mylohyoid
swallowing - elevation of hyoid	stylohyoid , mylohyoid , geniohyoid
depression of hyoid bone	sternohyoid , sternothyroid , thyrohyoid , omohyoid
elevation of ribs	scalene (anterior,medius,posterior) , serratus posterior superior
depression of ribs	serratus posterior inferior , internal intercostal muscles
trunk flexion	rectus abdominis , external oblique , internal oblique
trunk extension	quadratus lumborum , erector spinae ,
trunk lateral flexion	(iliocostalis , longissimus , spinalis (erector spinae)) , intertransversarii
trunk rotation	external oblique , internal oblique , transversus abdominis
penis erection	
penis constriction	
orgasm	

TRIANGLES OF NECK

ANTERIOR TRIANGLE OF NECK

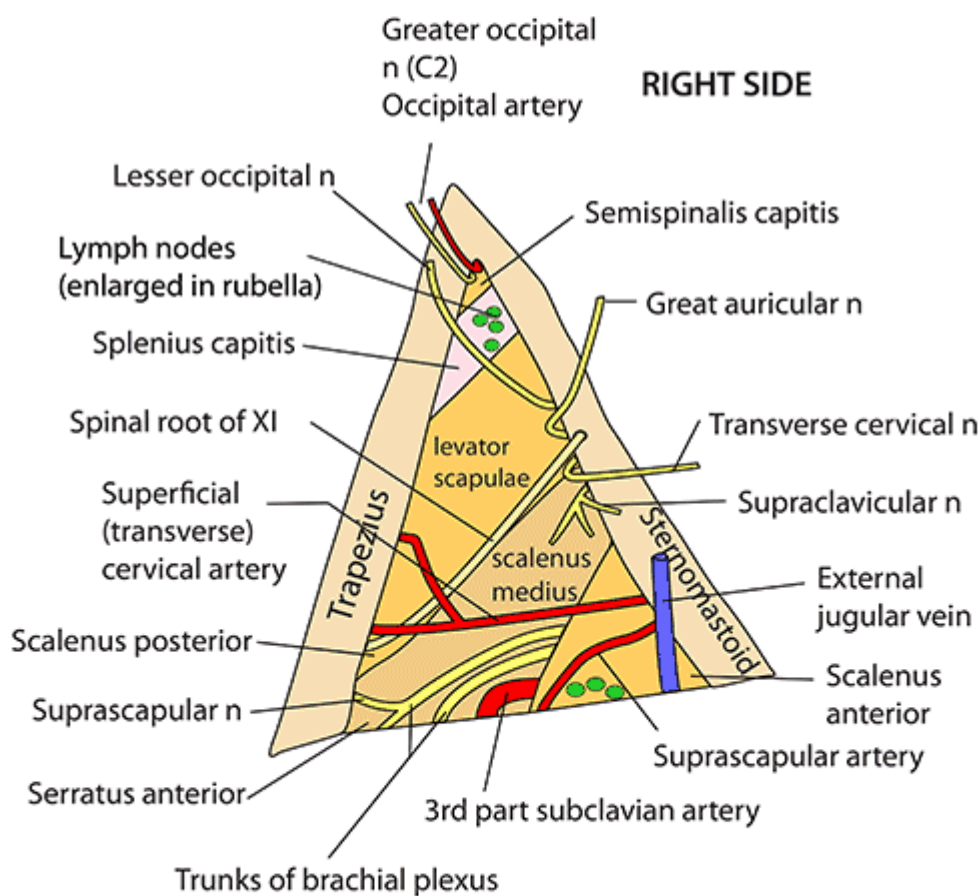
RIGHT ANTERIOR TRIANGLE OF NECK DIAGRAM OF CONTENTS



POSTERIOR TRIANGLE OF NECK

POSTERIOR TRIANGLE OF NECK

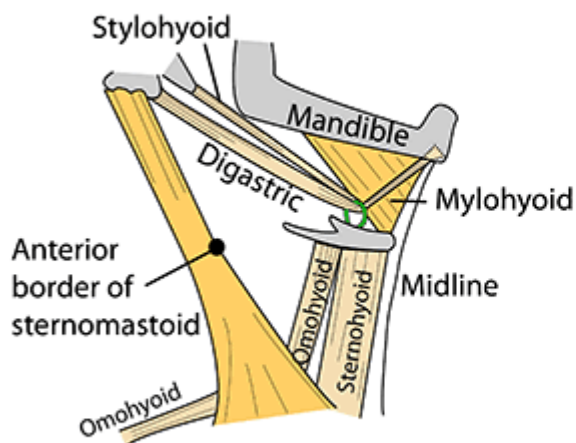
- **Boundaries:** Posterior border of sternocleidomastoid, anterior border of trapezius, mid 1/3 clavicle
- **Shape:** Spiral
- **Roof:** Investing fascia, platysma, external jugular vein
- **Floor:** Prevertebral fascia covering muscles, subclavian artery, trunks of brachial plexus & cervical plexus
- **Contents:**
 - **Arteries:** Occipital, superficial cervical, suprascapular
 - **Veins:** Transverse cervical, suprascapular, external jugular
 - **Nerves:** Branches of cervical plexus, spinal root of accessory
 - **Muscle:** Omohyoid with its sling
 - **Lymph nodes:** Occipital (rubella/scalp infections)
Supraclavicular (part of the deep chain)



Surface anatomy of spinal root of XI in posterior triangle:

1. Earlobe to 5cm up trapezius. OR 2. 1/3 down posterior border of sternocleidomastoid to 1/3 up anterior border of trapezius

ANTERIOR TRIANGLE OF NECK SUPRAHYOID AND STRAP MUSCLES



Digastric — Superficial
Stylohyoid — Intermediate
Mylohyoid — Deep
Geniohyoid — Deep

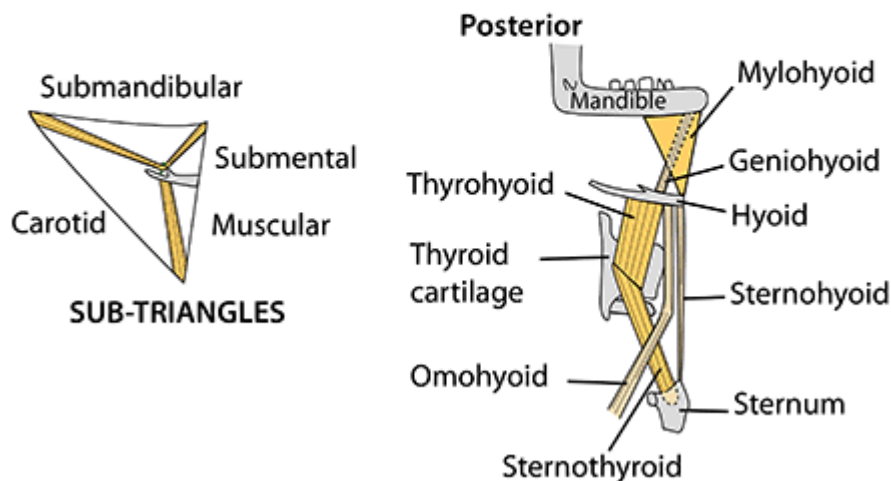
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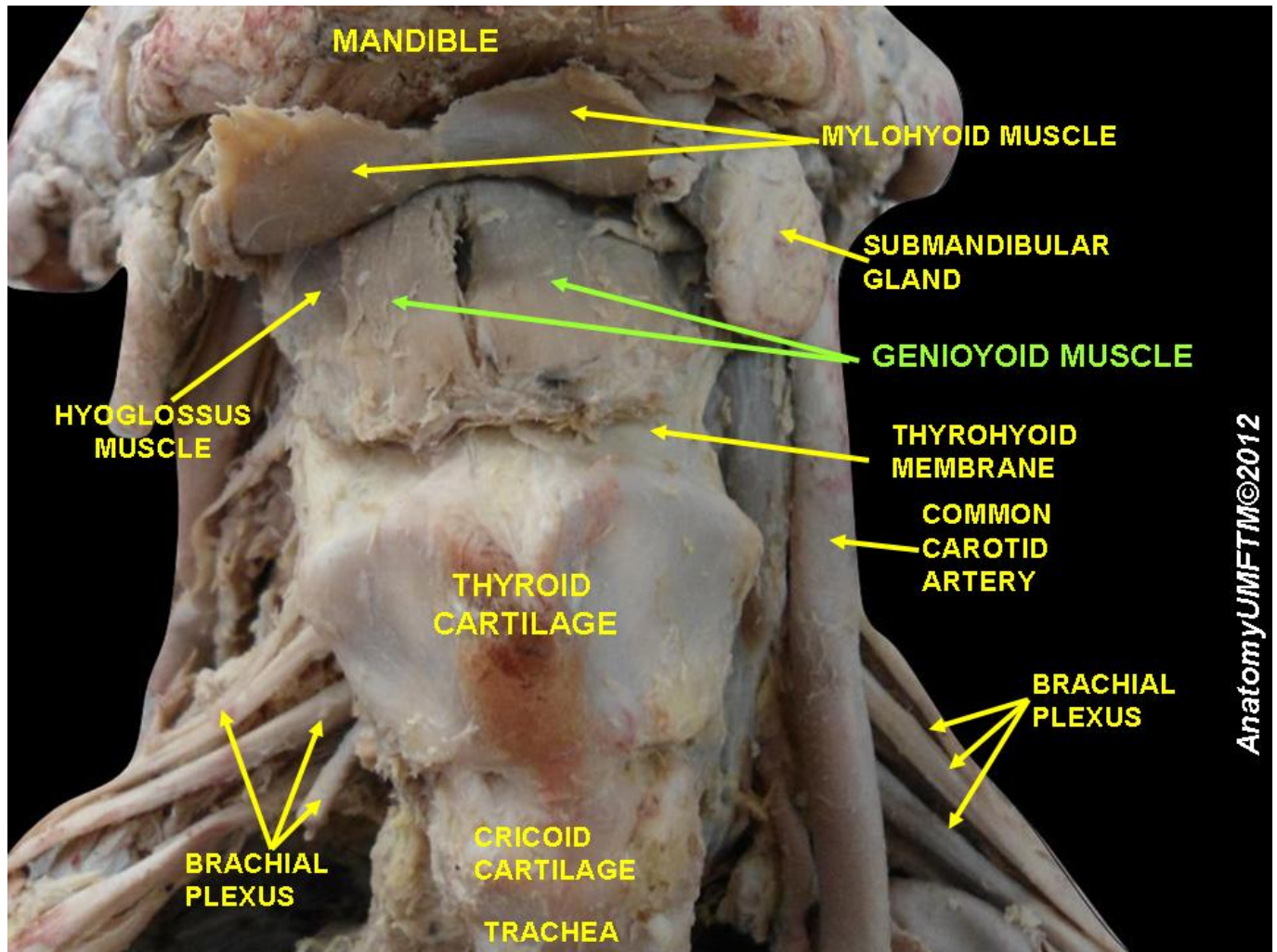
Sternohyoid — Superficial
Omohyoid — Deep
Sternothyroid — Deep
Thyrohyoid

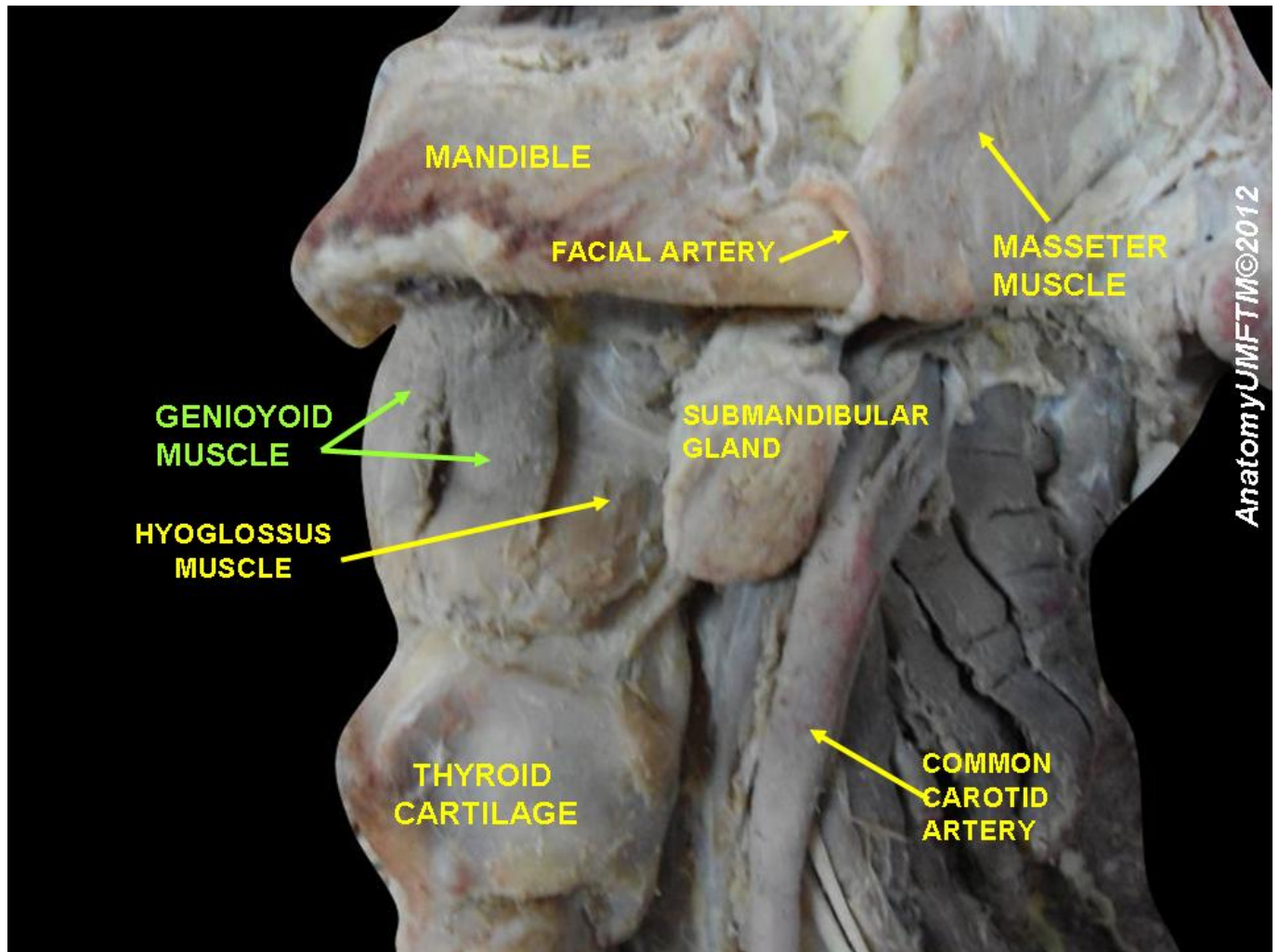
Sternomastoid: Each acting alone gives flexion & lateral rotation but acting together - protrusion of head
N: Spinal root of accessory (C1-5)

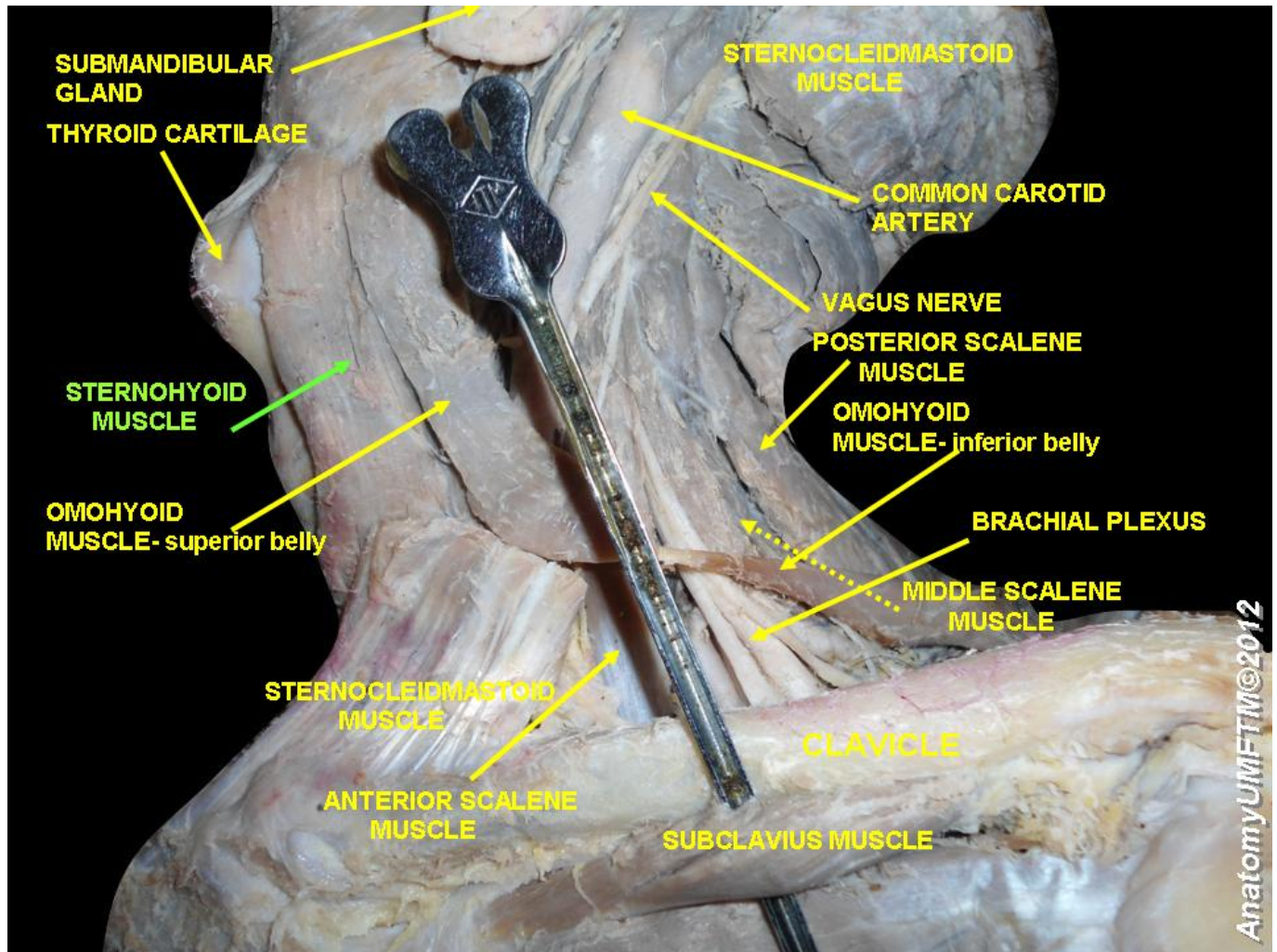
MUSCLES

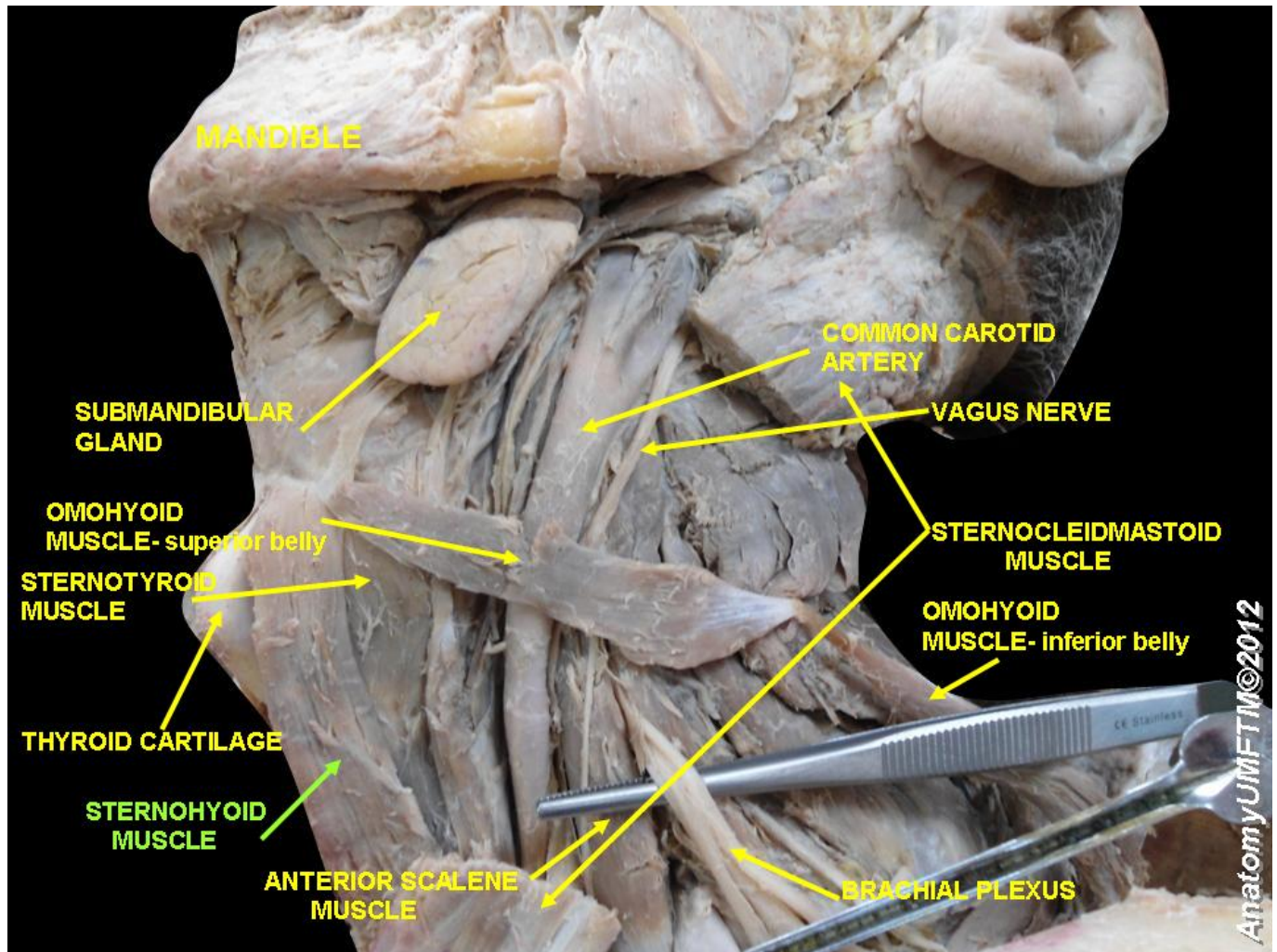
Lie between pretracheal & investing fasciae. Supplied by anterior rami of C1-3, ansa cervicalis, facial nerve & nerve to mylohyoid (Vc)

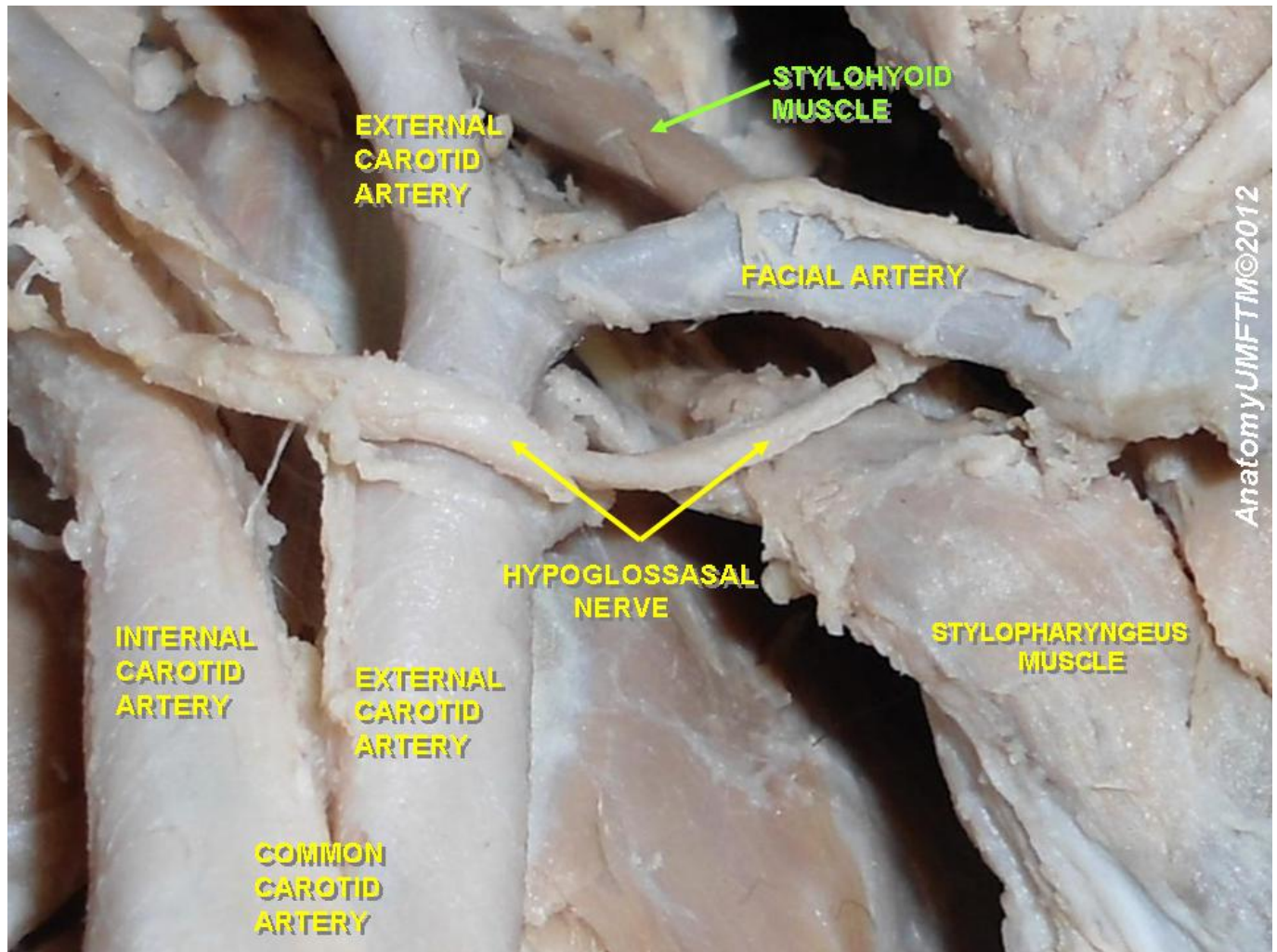


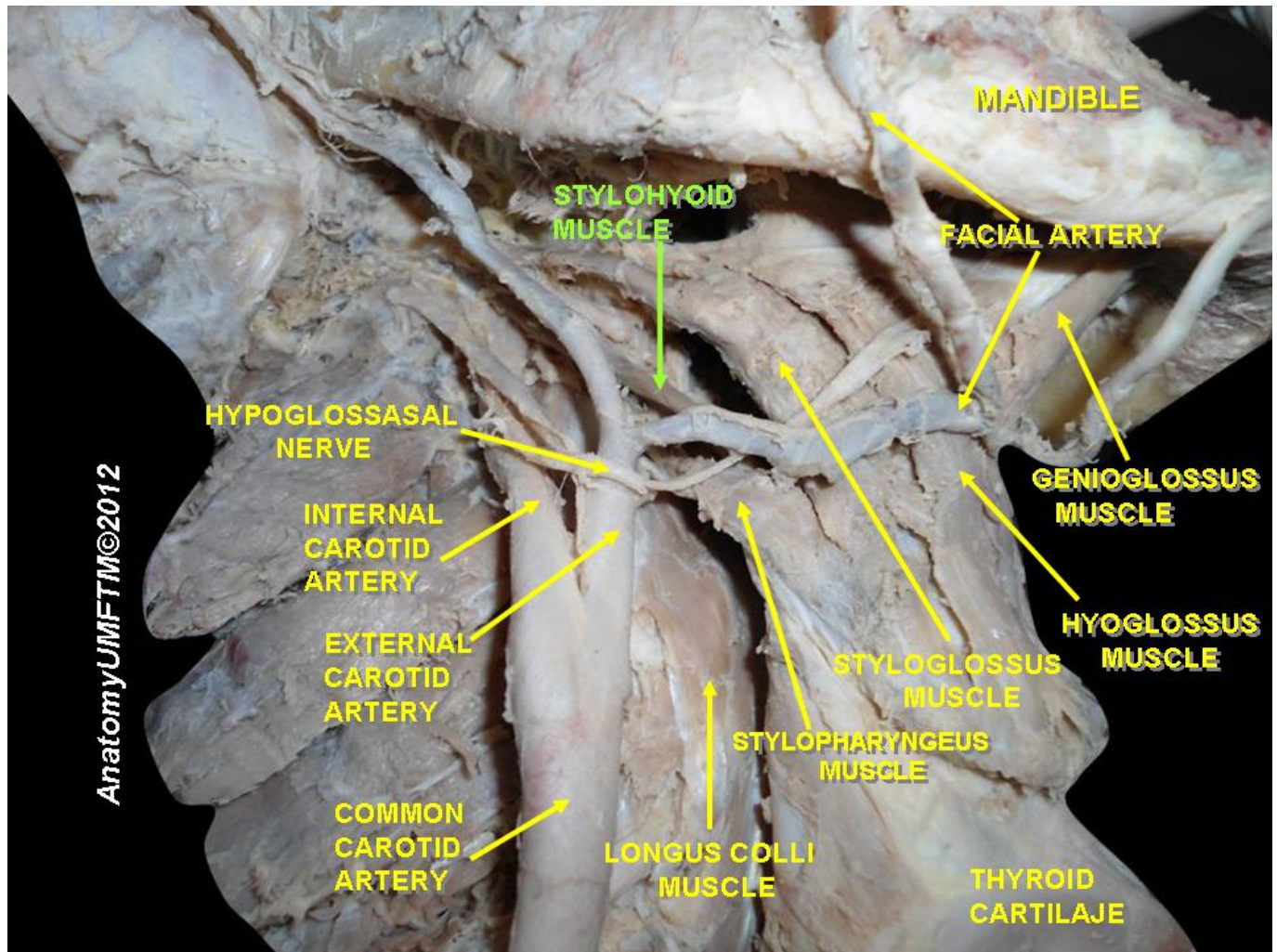


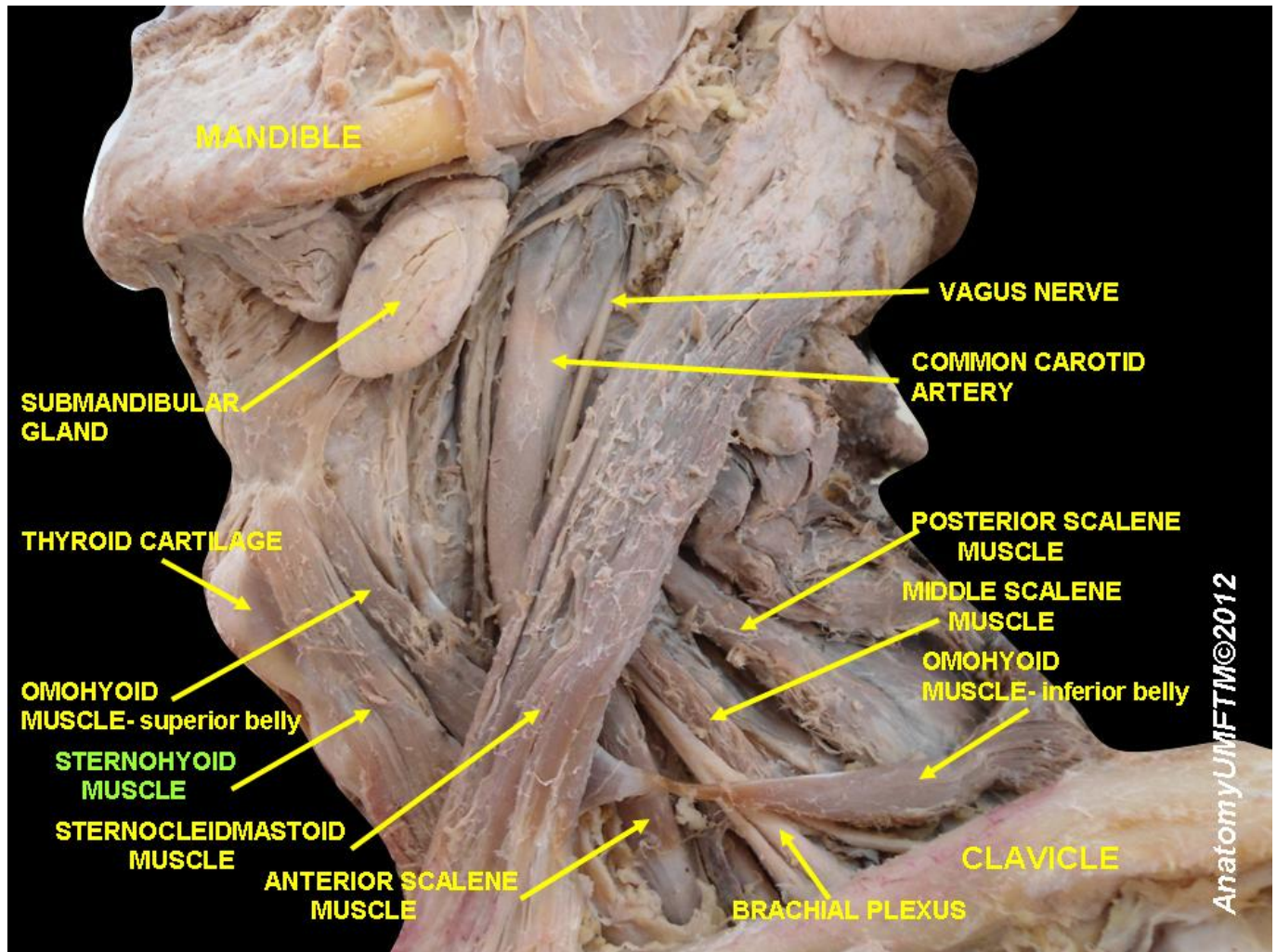


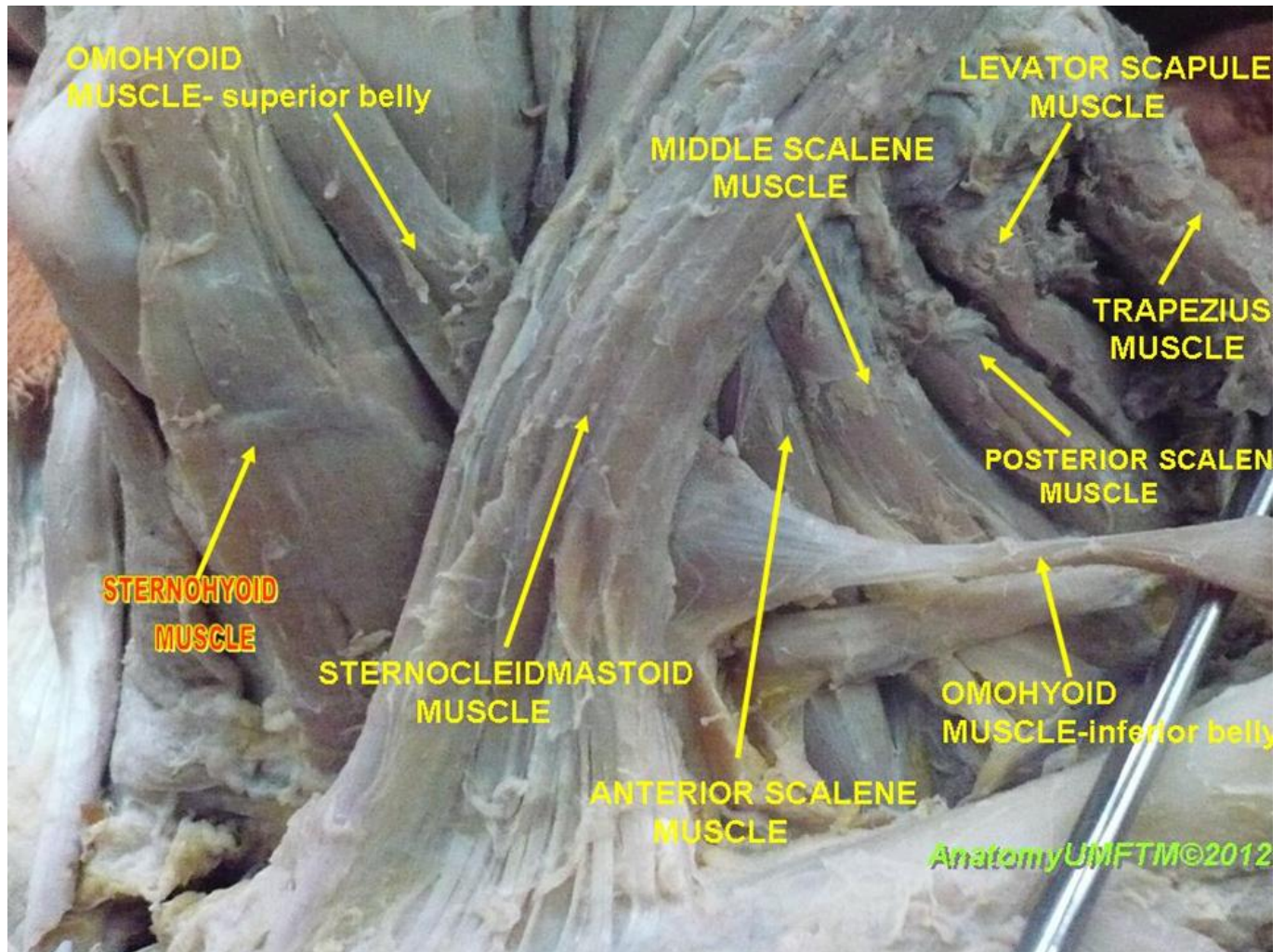












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