

Table of Contents

NECK 3

TRIANGLES OF NECK 3

ANTERIOR TRIANGLE OF NECK 4

POSTERIOR TRIANGLE OF NECK 4

NECK

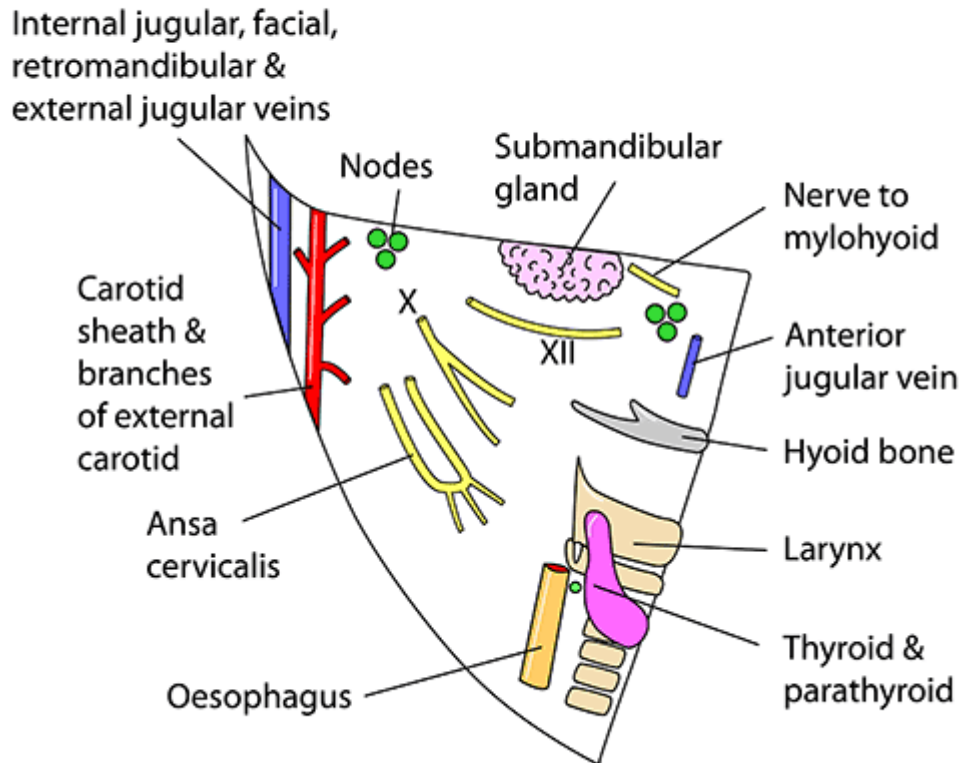
- Ruminating
- Vow
- Promise
- Fear of guilt
- [Deep fascia of neck](#)
- Neck flexion
- Neck extension
- Neck rotation

	MANTRAKSHAR	
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
swallowing - elevation of hyoid		stylohyoid , mylohyoid , geniohyoid
depression of hyoid bone		sternohyoid , sternothyroid , thyrohyoid , omohyoid
elevate larynx		
depress larynx		
tenses vocal ligament		
relaxes vocal ligament		

TRIANGLES OF NECK

ANTERIOR TRIANGLE OF NECK

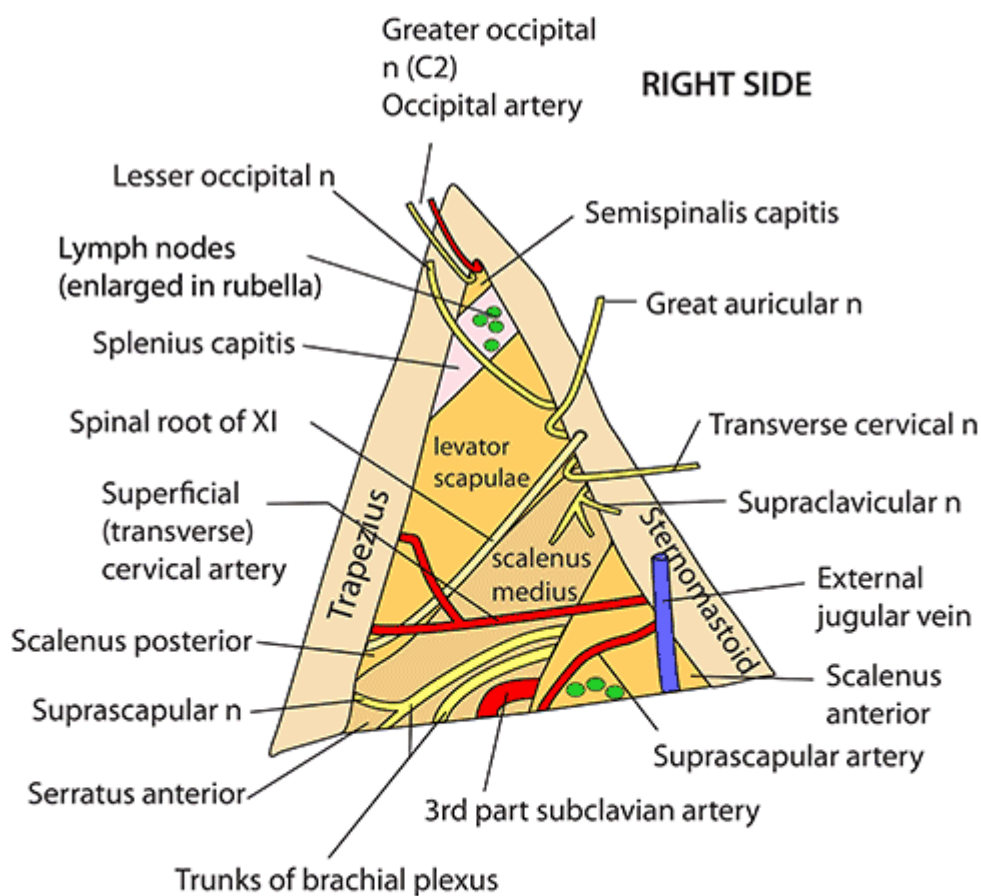
RIGHT ANTERIOR TRIANGLE OF NECK DIAGRAM OF CONTENTS



POSTERIOR TRIANGLE OF NECK

POSTERIOR TRIANGLE OF NECK

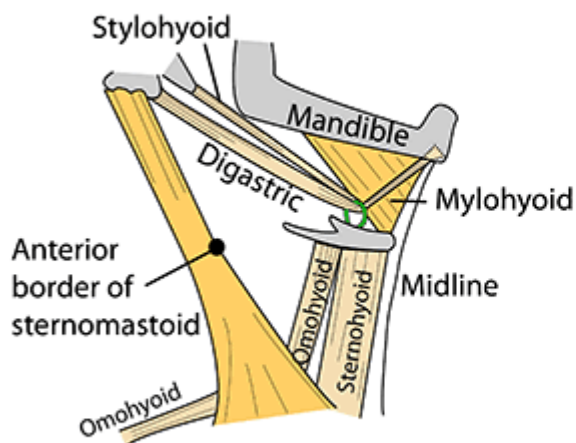
- **Boundaries:** Posterior border of sternocleidomastoid, anterior border of trapezius, mid 1/3 clavicle
- **Shape:** Spiral
- **Roof:** Investing fascia, platysma, external jugular vein
- **Floor:** Prevertebral fascia covering muscles, subclavian artery, trunks of brachial plexus & cervical plexus
- **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 — Intermediate
Geniohyoid — Deep

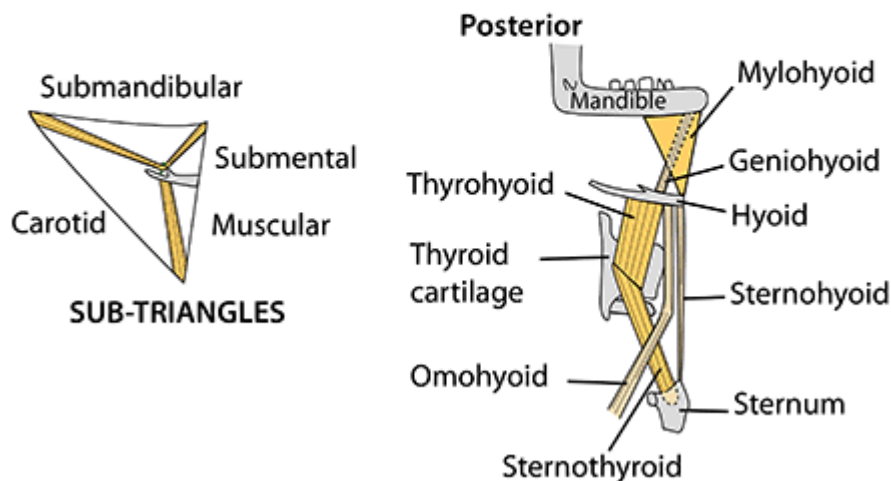
↑ ↓

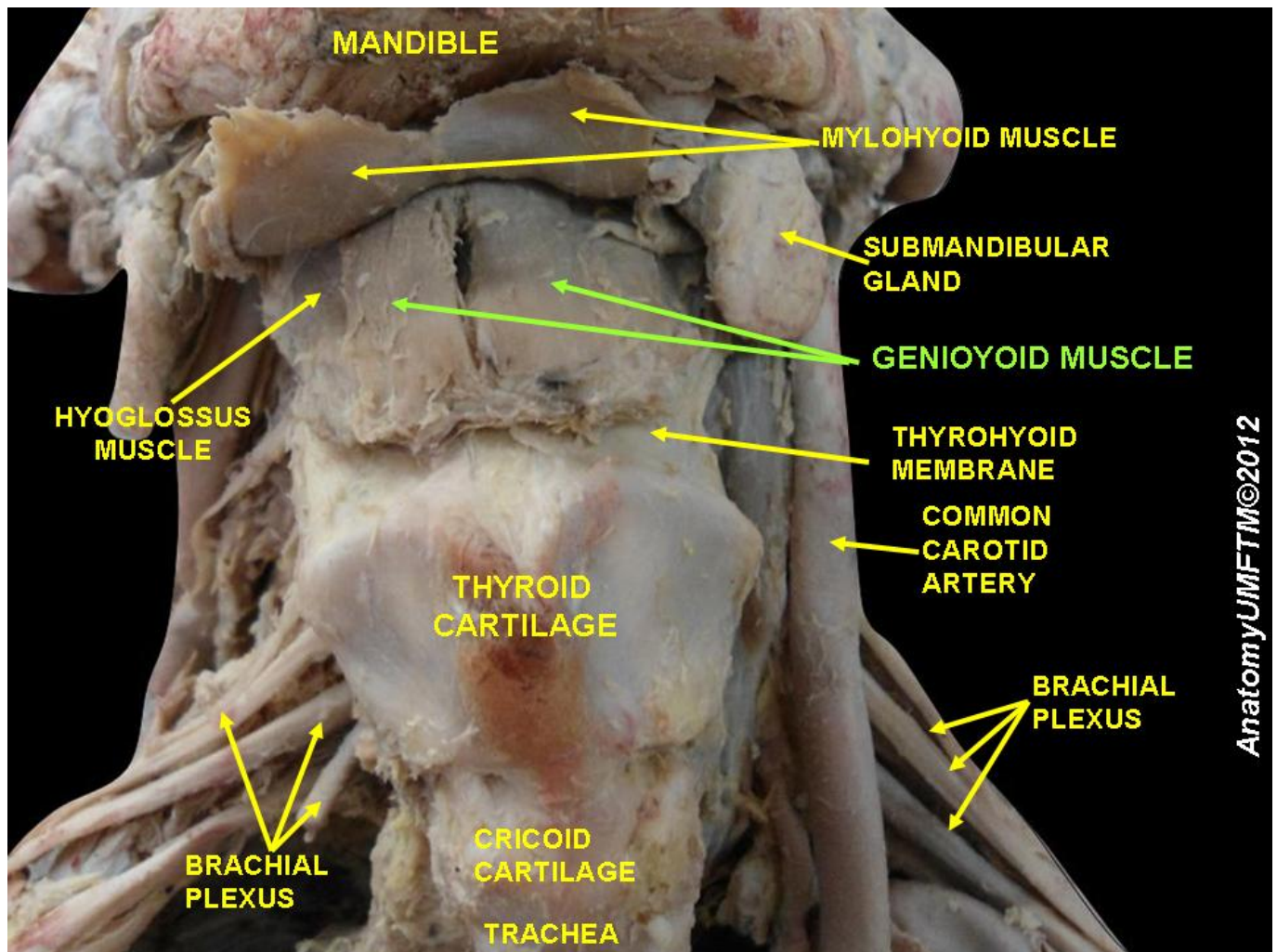
Sternohyoid — Superficial
Omohyoid — Superficial
Sternothyroid — Deep
Thyrohyoid — Deep

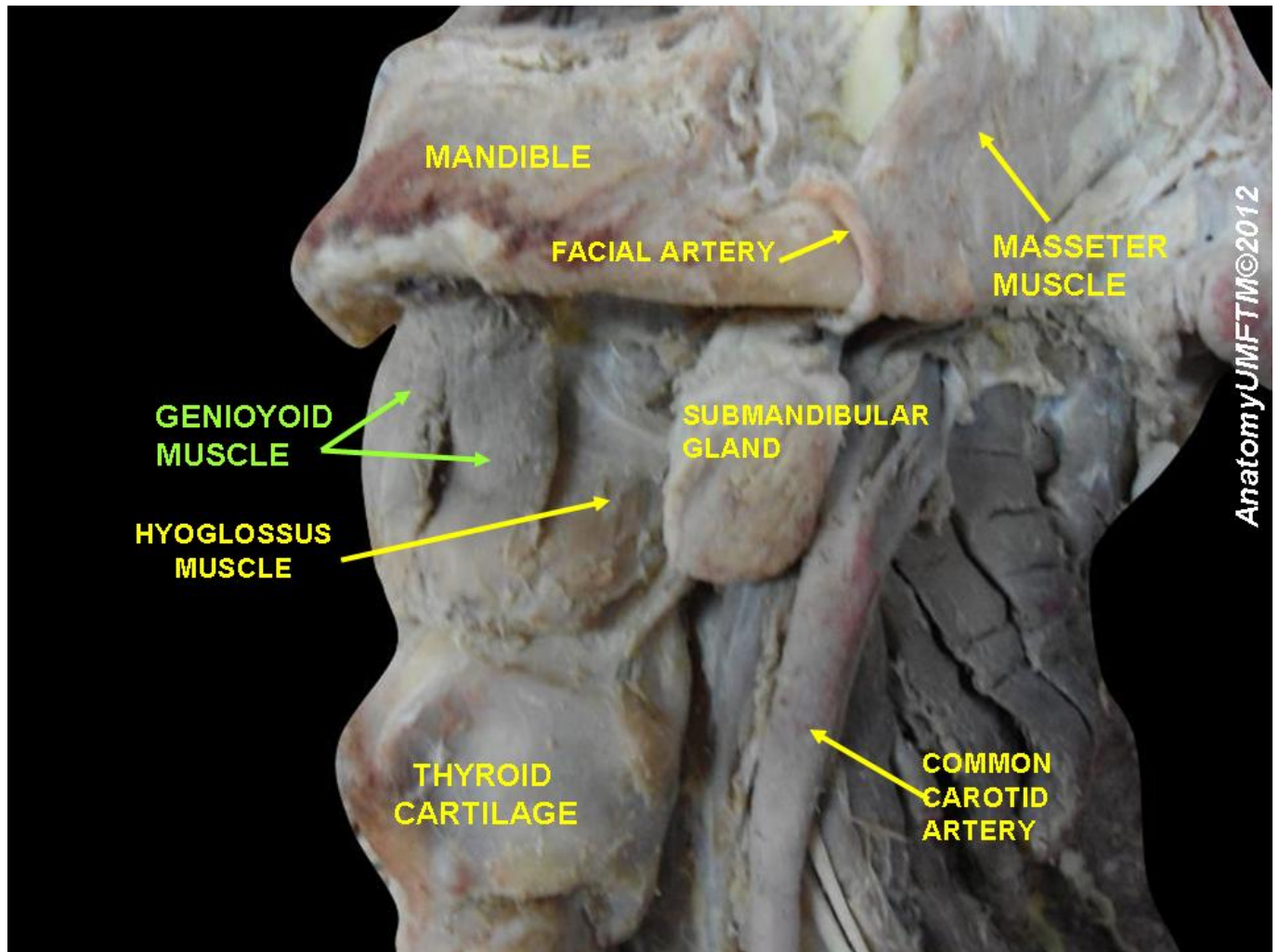
Sternomastoid: Each acting alone gives flexion & lateral rotation but acting together - protrusion of head
N: Spinal root of accessory (C1-5)

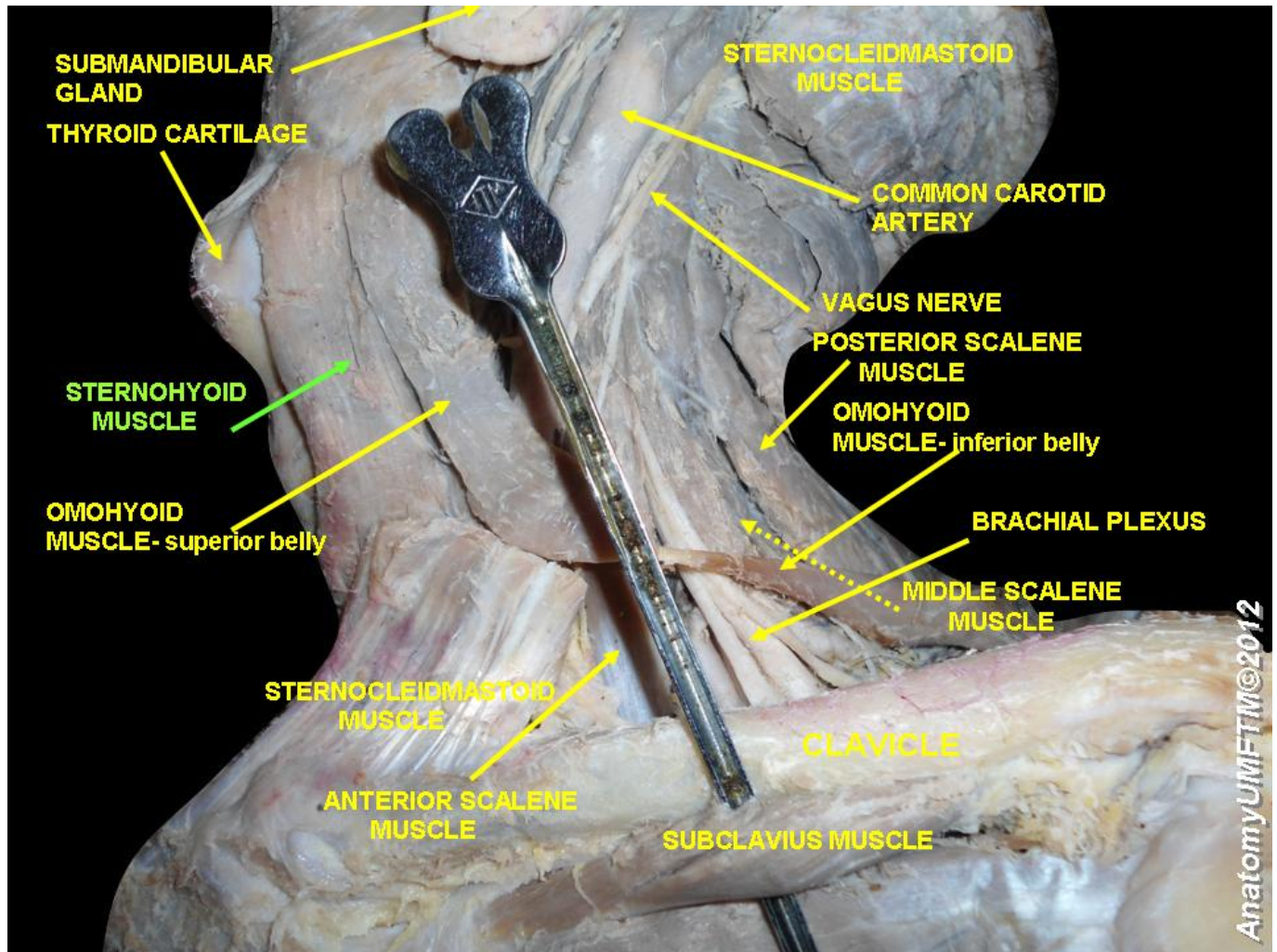
MUSCLES

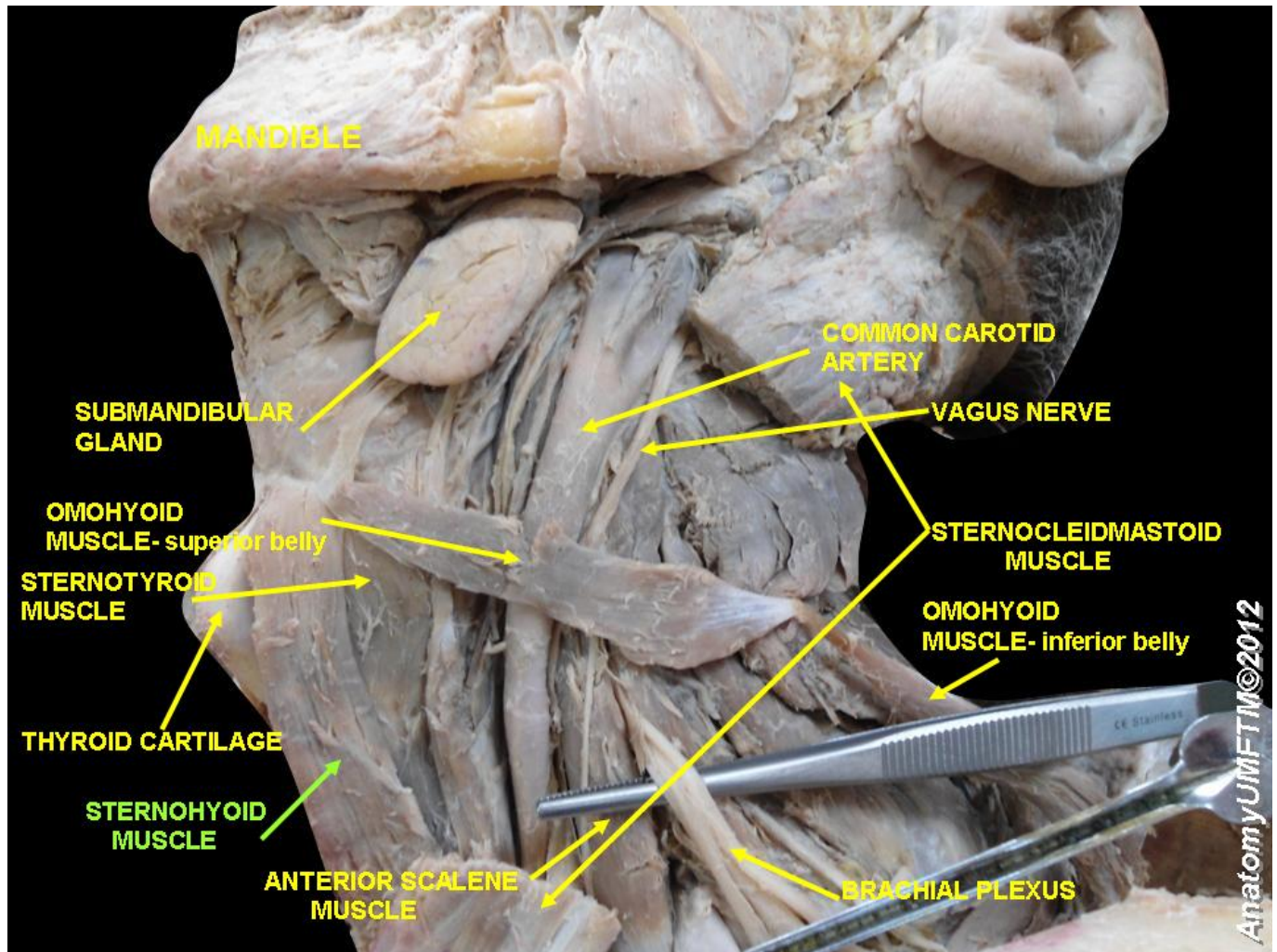
Lie between pretracheal & investing fasciae. Supplied by anterior rami of C1-3, ansa cervicalis, facial nerve & nerve to mylohyoid (Vc)

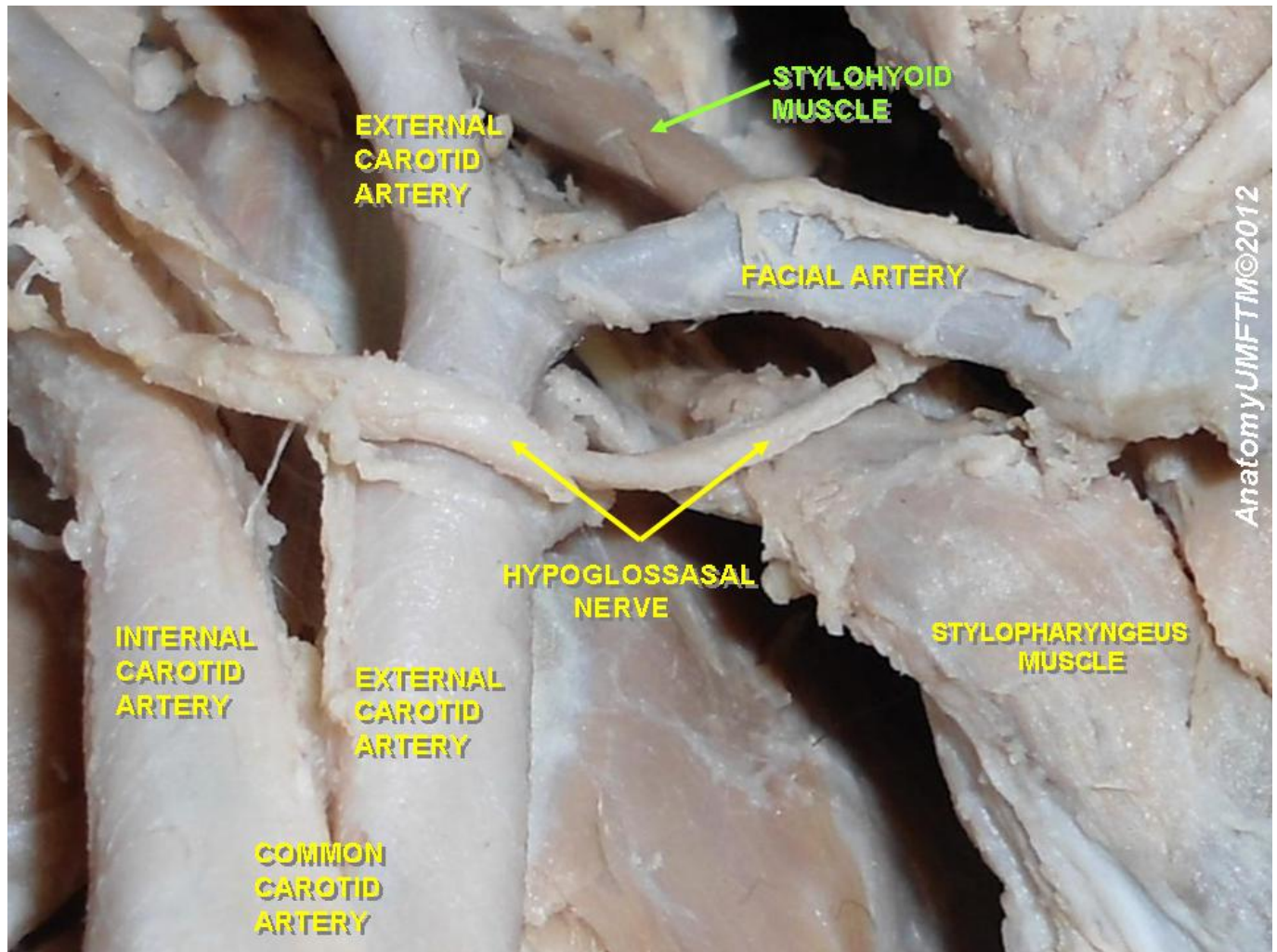


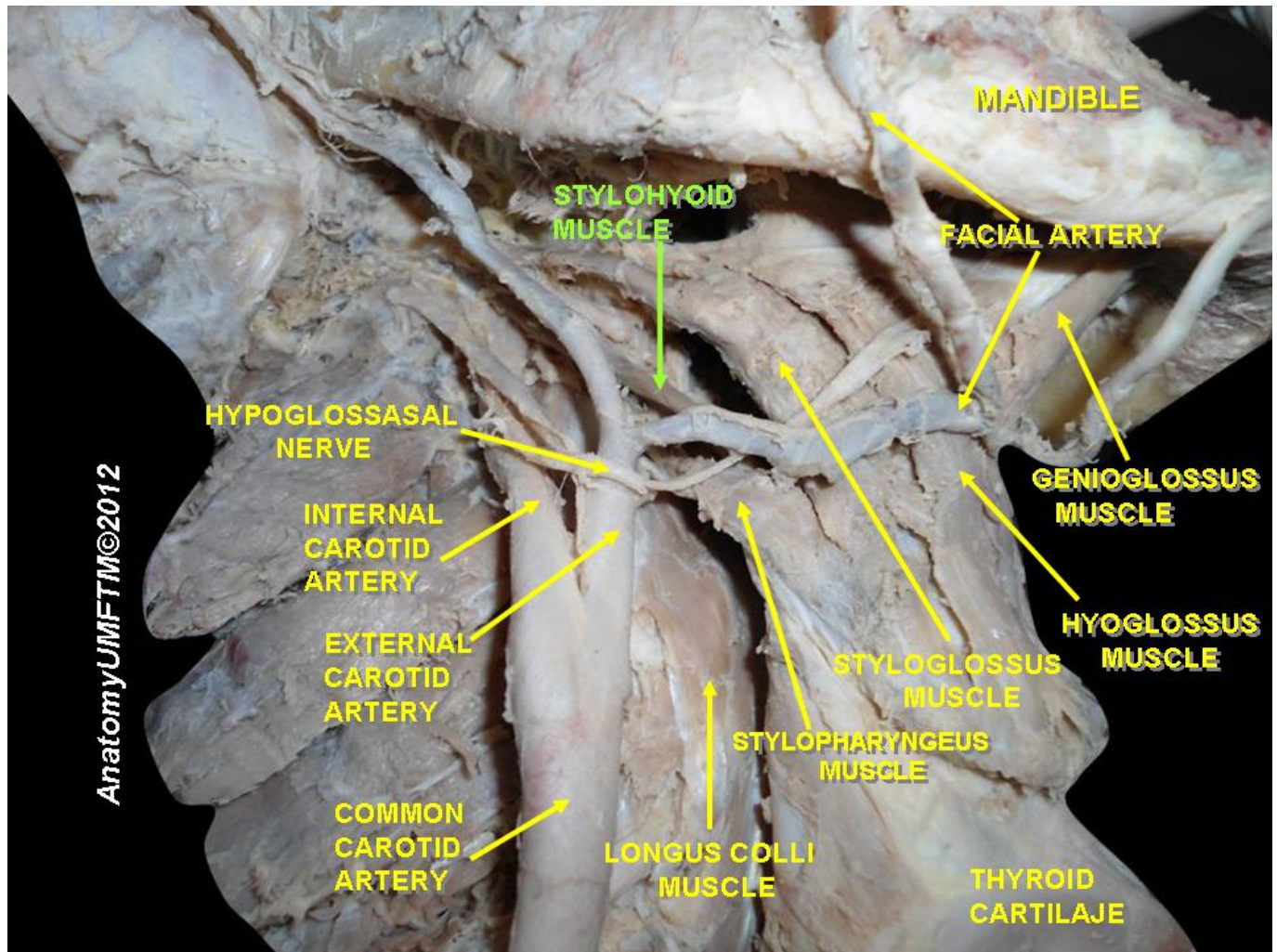


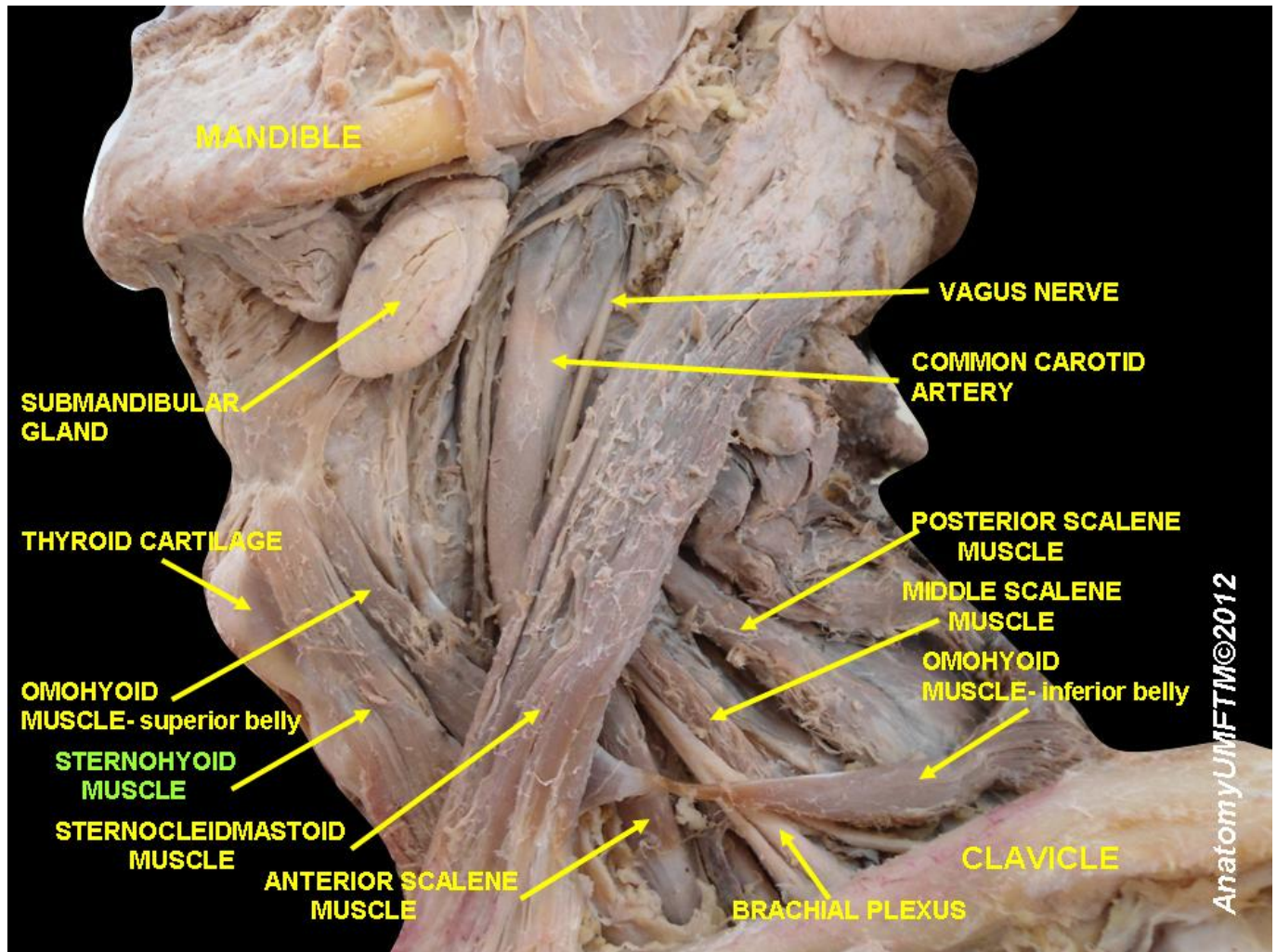


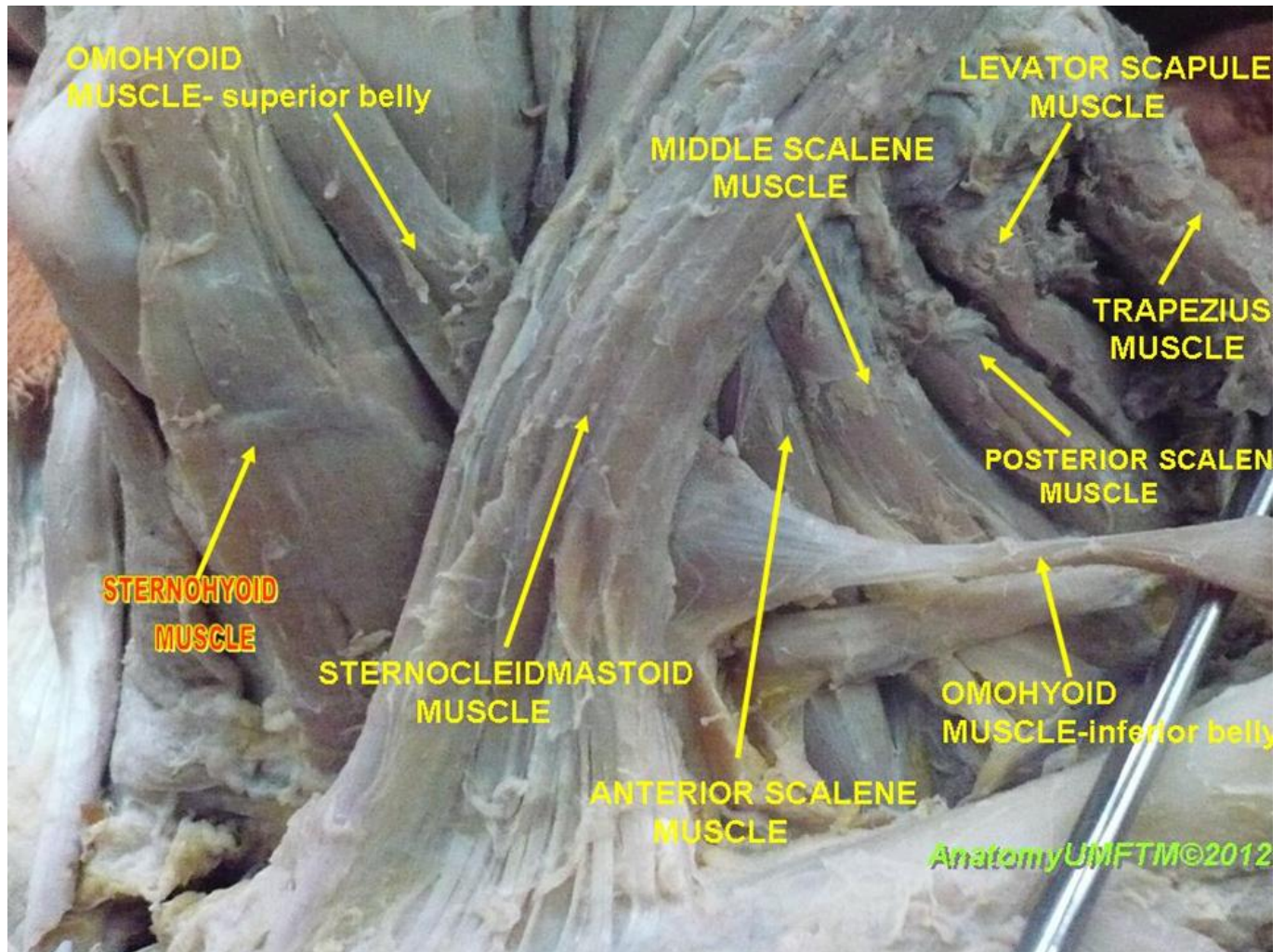












From:

<https://mail.mantrakshar.co.in/> - Kshtrgyn

Permanent link:

<https://mail.mantrakshar.co.in/doku.php/en/neck?rev=1680331642>

Last update: **2023/04/01 06:47**

