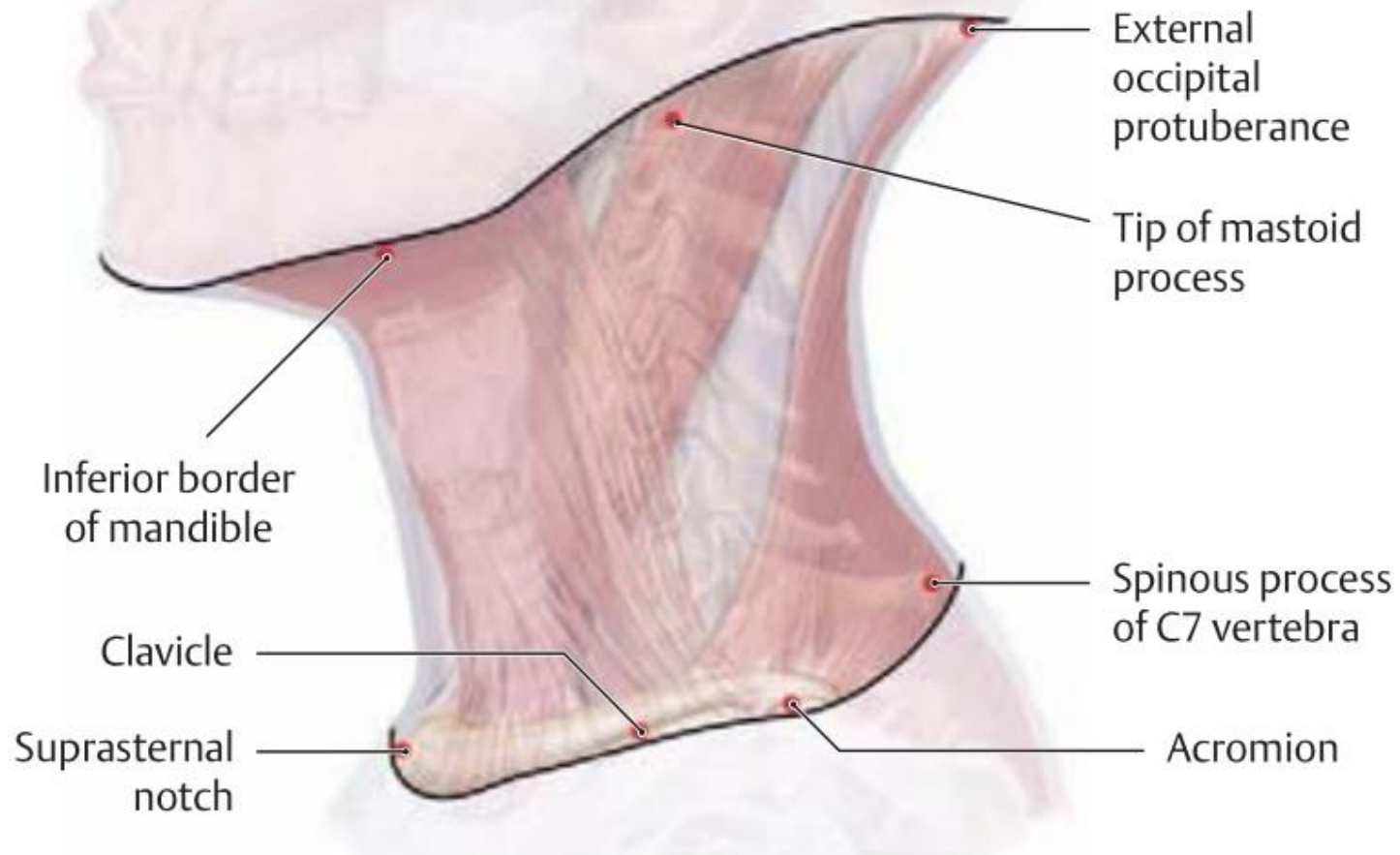
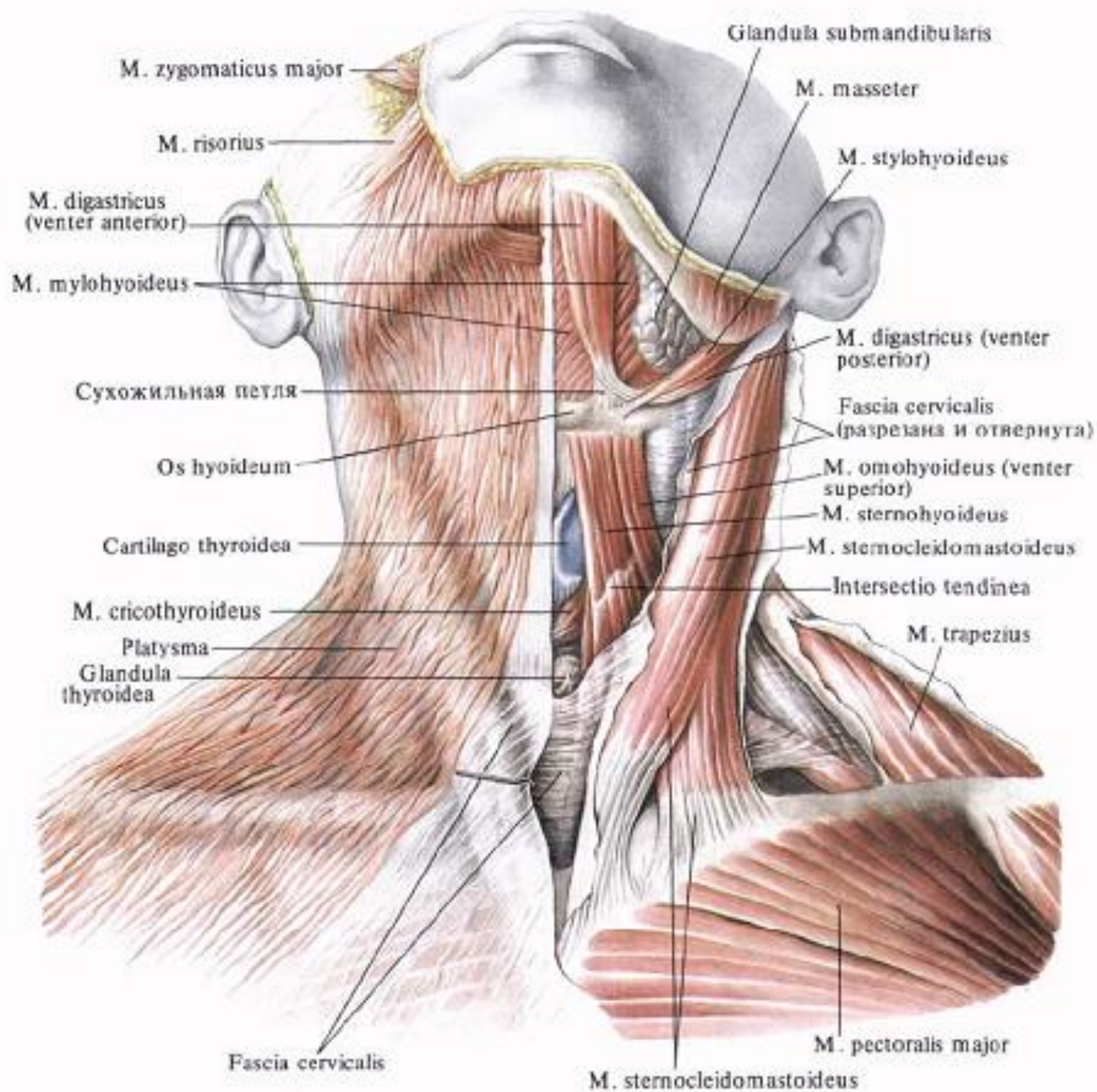


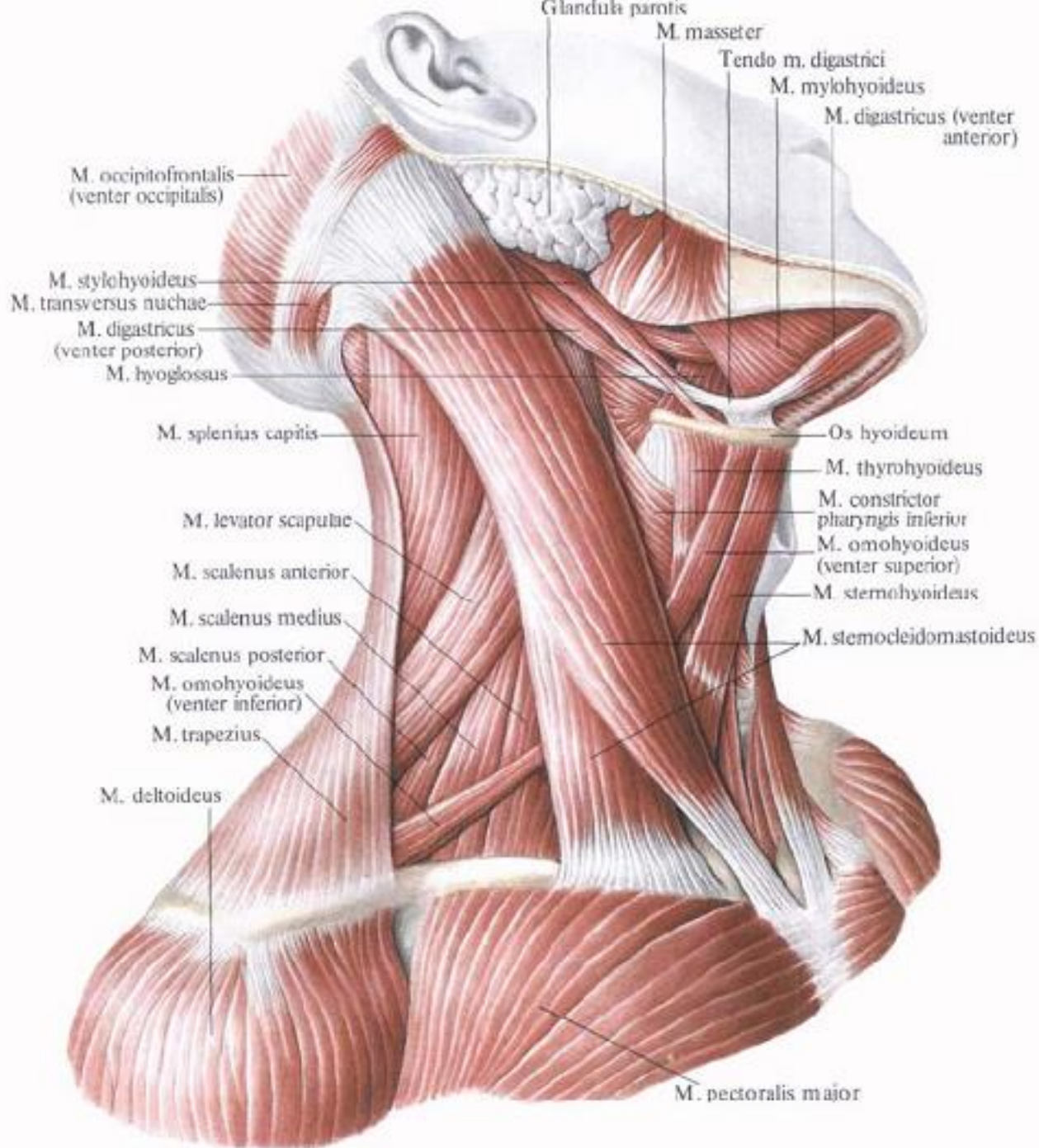
**STATE MEDICAL AND PHARMACEUTICAL
UNIVERSITY “NICOLAE TESTEMITANU”
ANATOMY DEPARTMENT**

Functional Anatomy of Muscles of the Head and Neck

Lecturer Globa Lilian







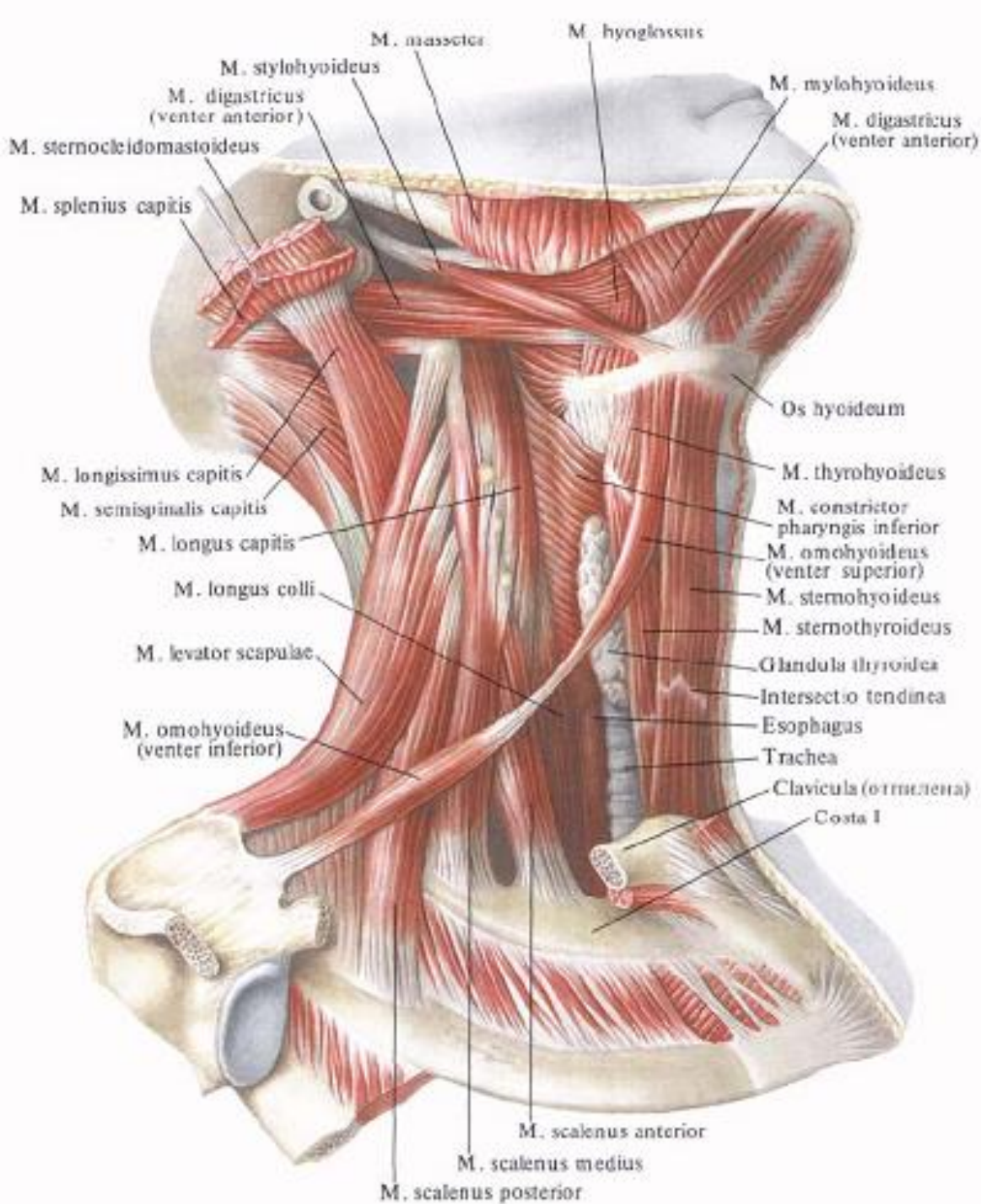
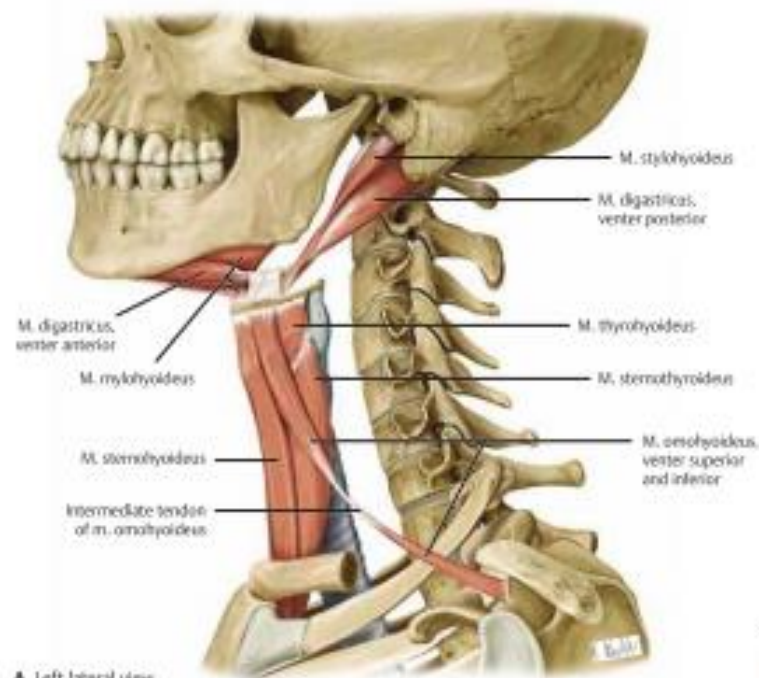
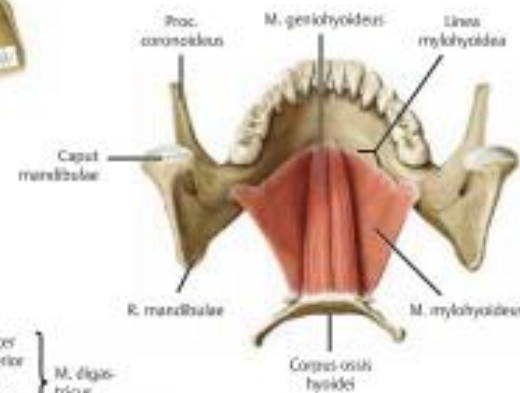


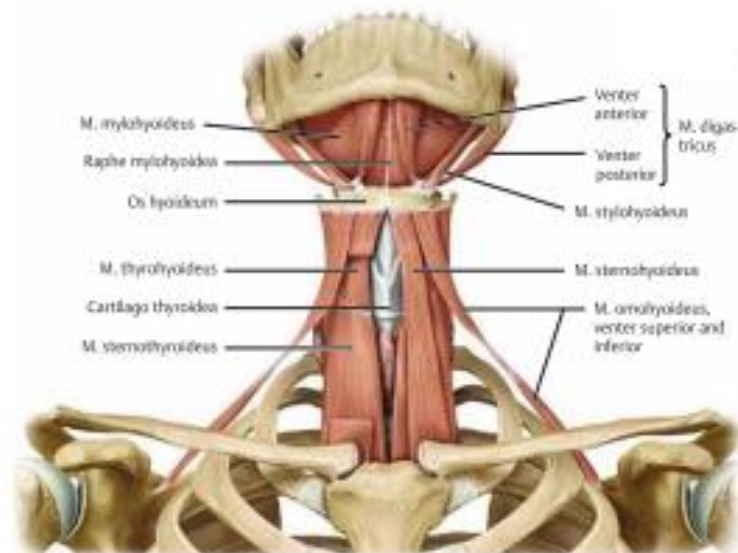
Fig. 37.8 Supra- and infrahyoid muscles

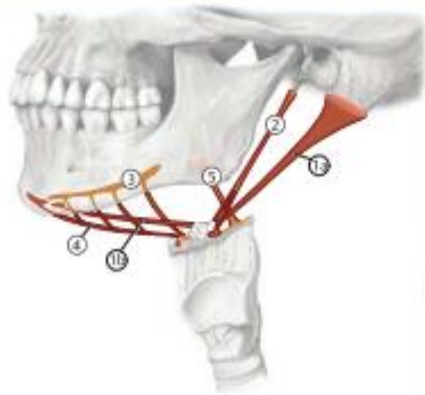


A Left lateral view.

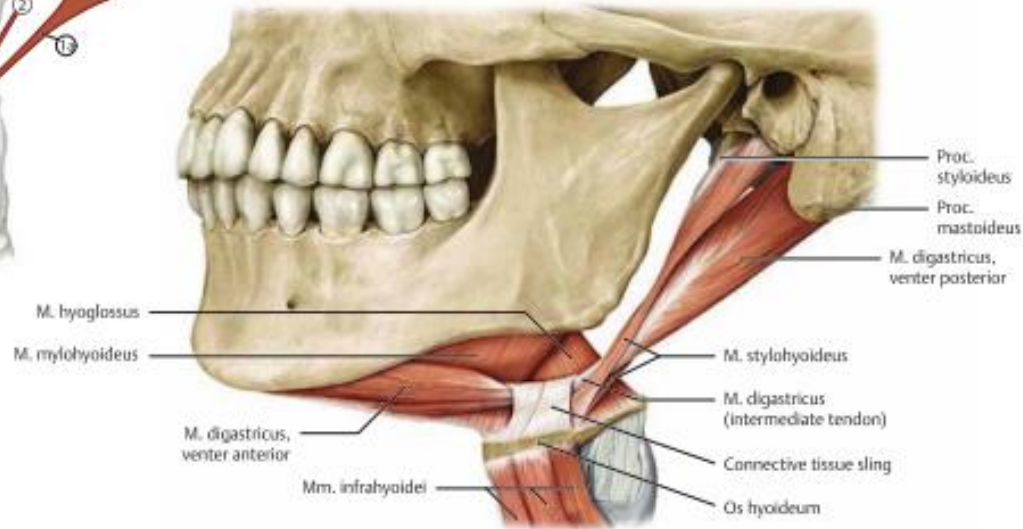


B M. mylohyoideus and m. geniohyoideus (oral floor), posterosuperior view.

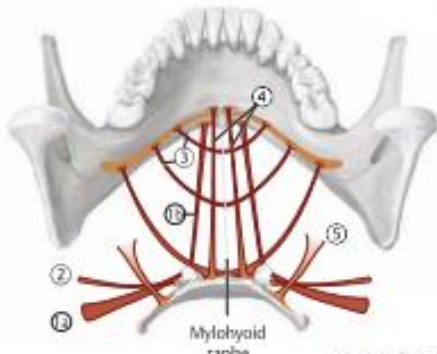




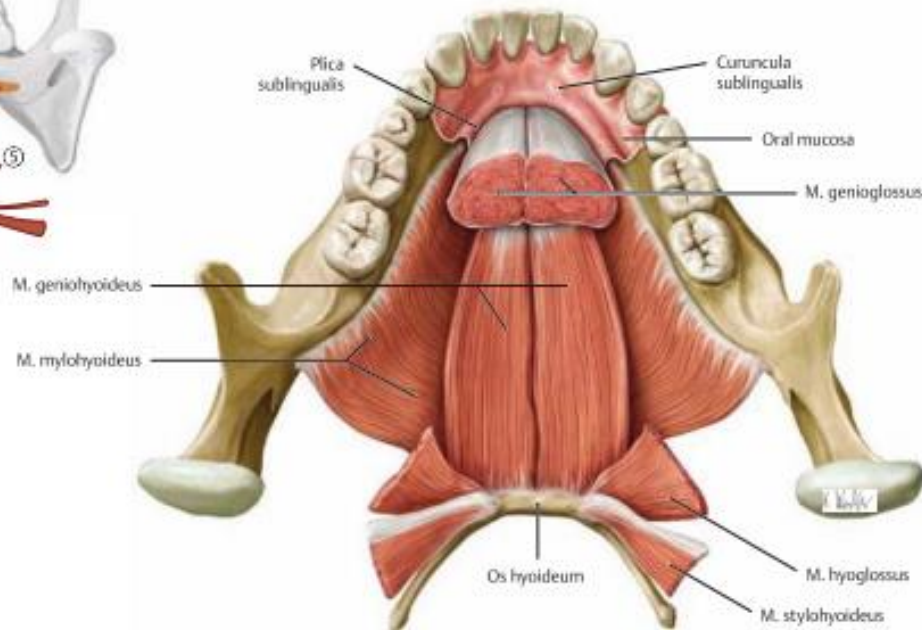
A Suprahyoid muscles, left lateral view.

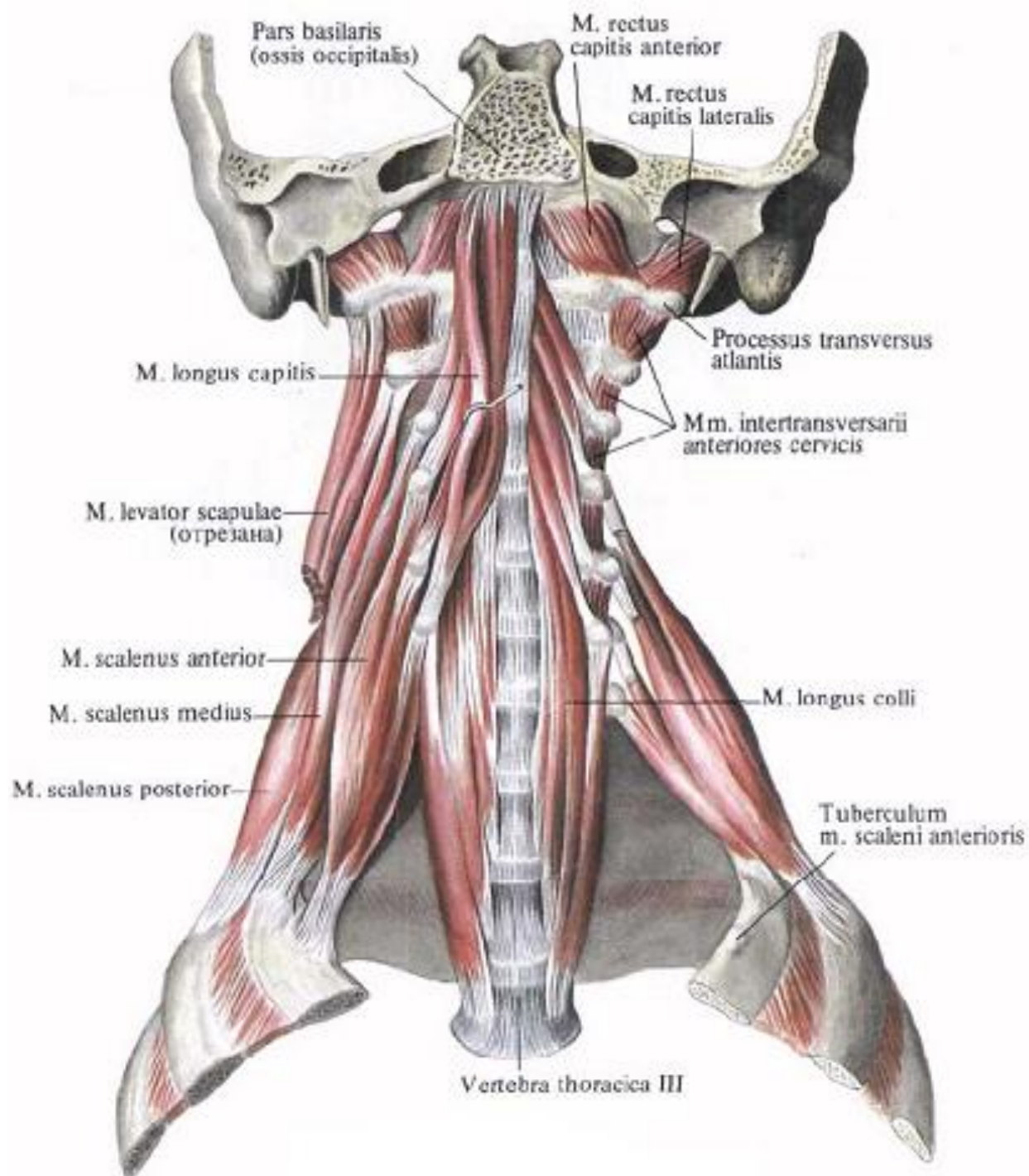


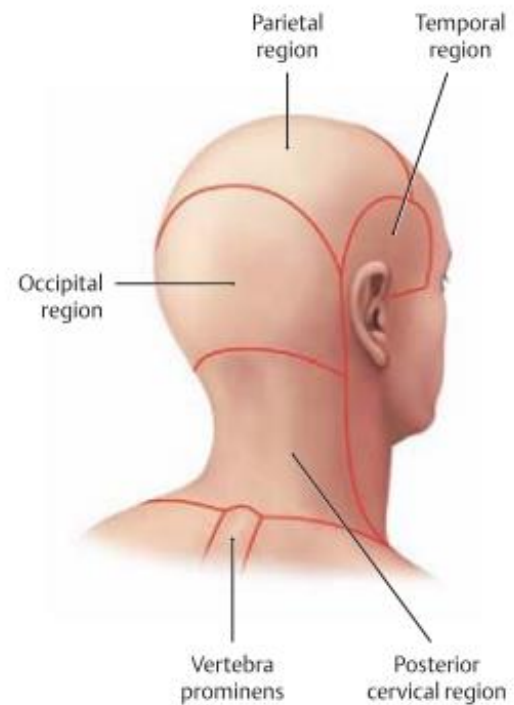
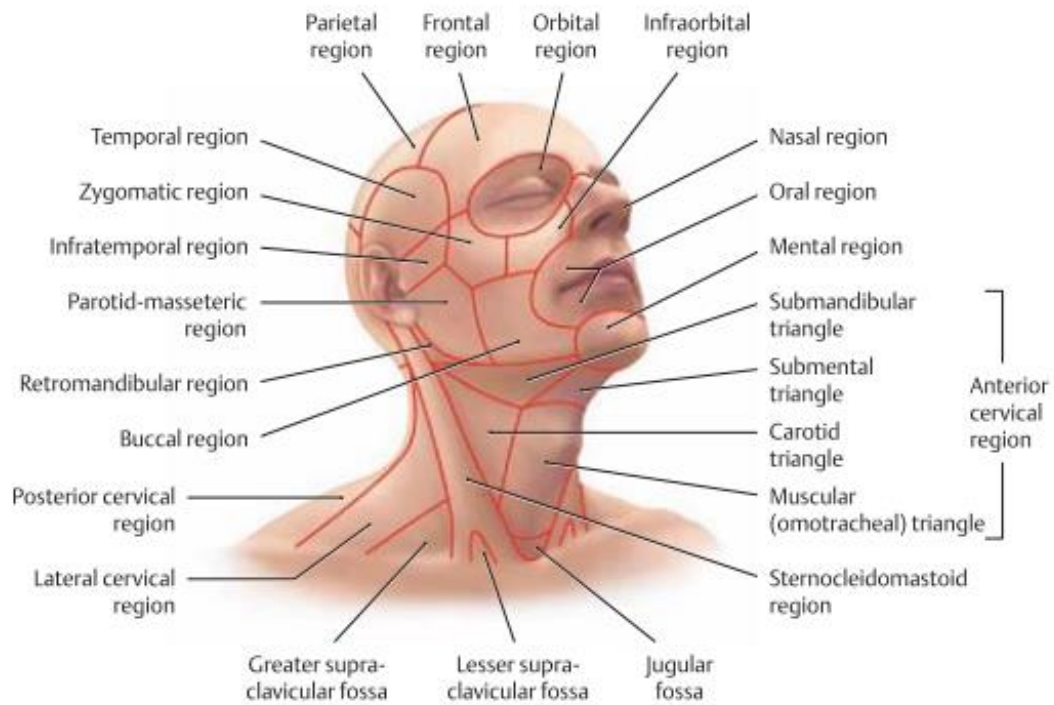
B Left lateral view.

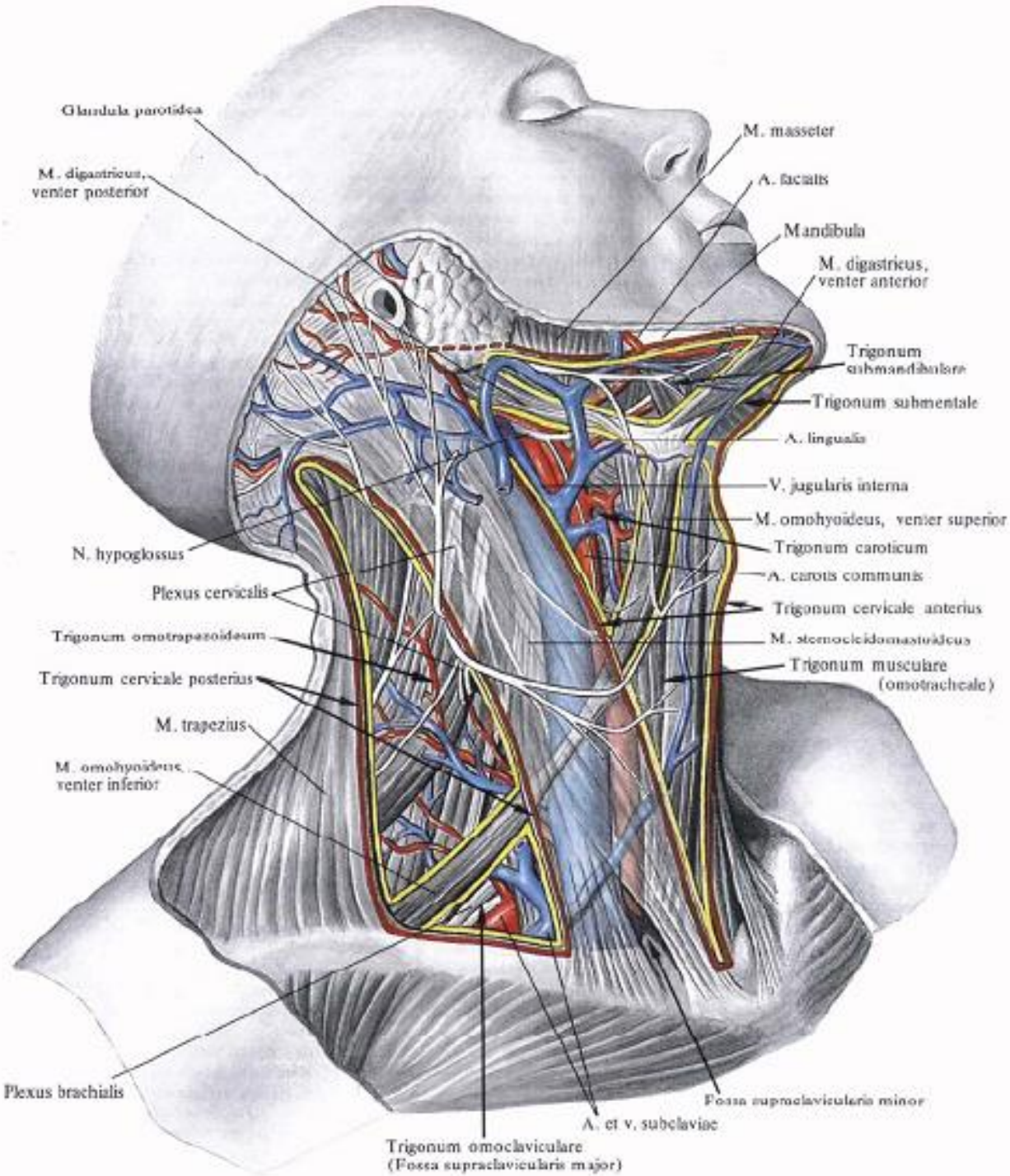


C Suprahyoid muscles, superior view.

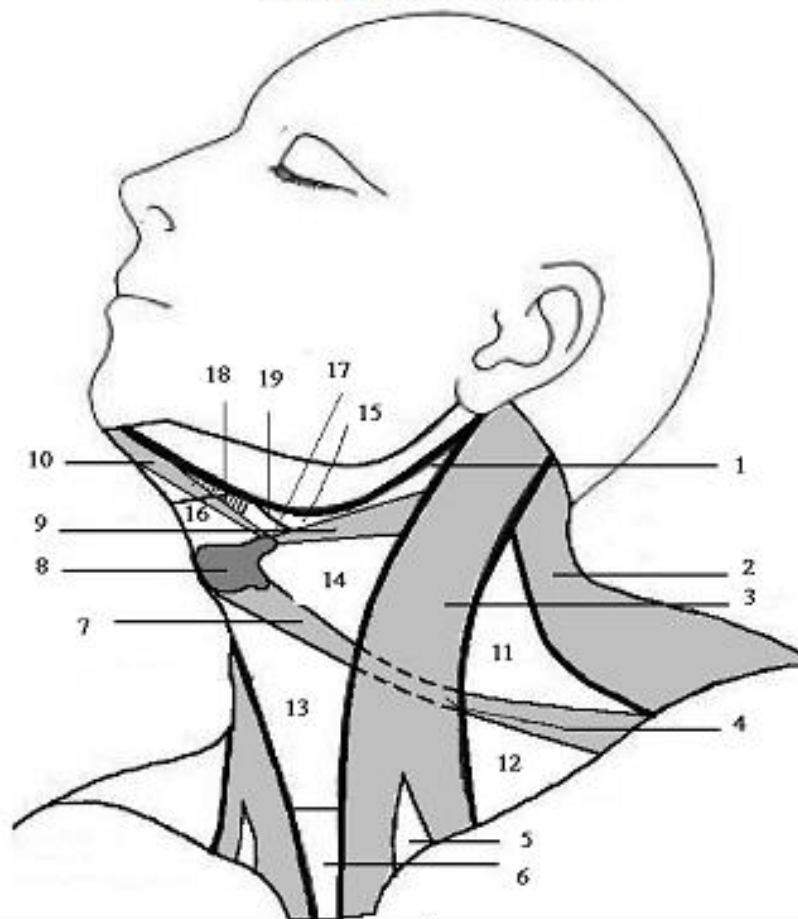








Triangles of the neck



1 – fossa retromandibularis;

2 – m. trapezius;

3 – m. sternocleidomastoideus;

4 – tendo m. omohyoidei;

5 – fossa supraclavicularis minor;

6 – fossa jugularis;

7 – m. omohyoideus;

8 – os hyoideum;

9, 10 – m. digastricus (venter anterior et venter posterior);

11 – trigonum omotrapezoideum;

12 – trigonum omodaviculare;

13 – trigonum omotracheale;

14 – trigonum caroticum;

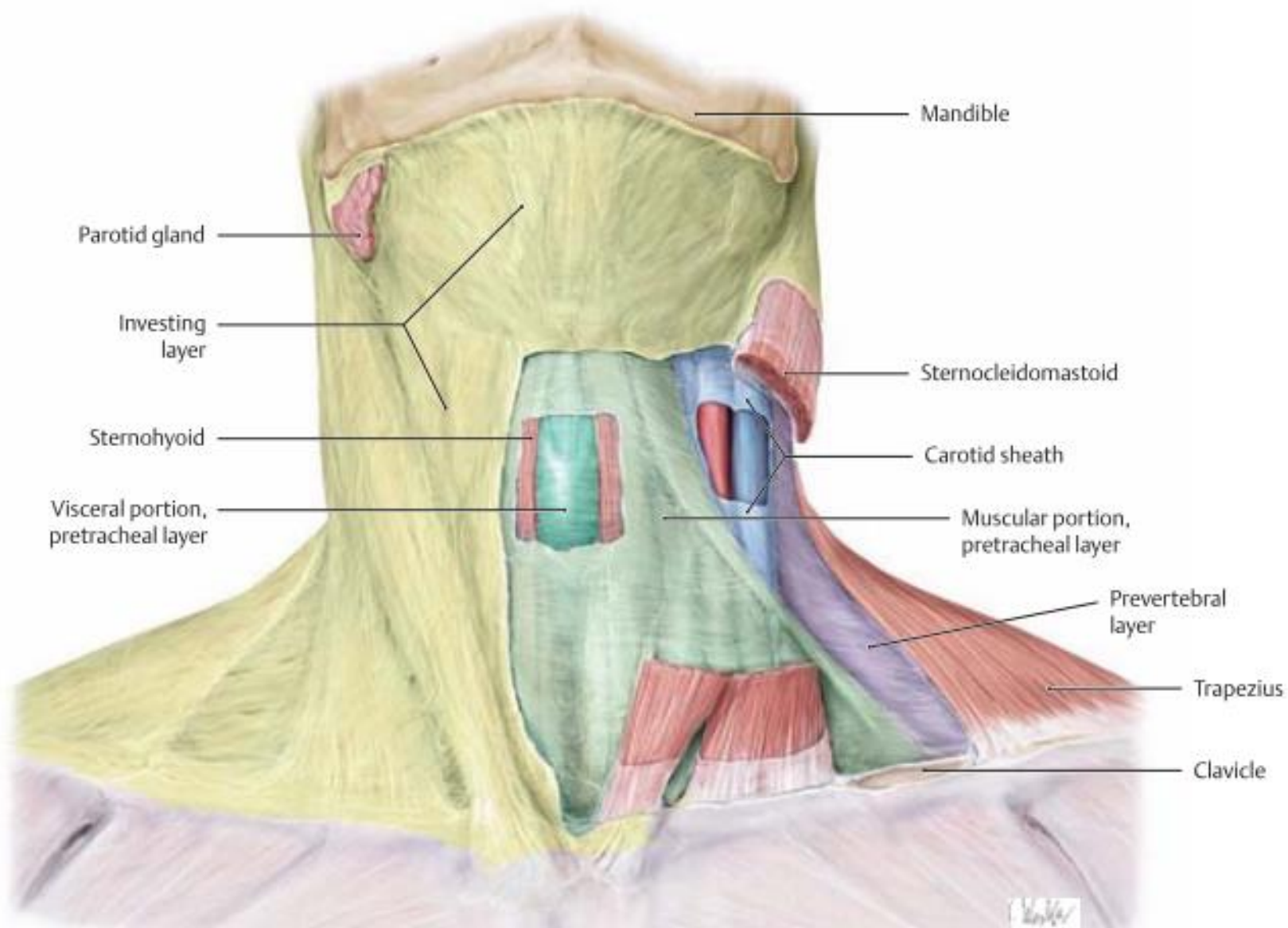
15 – trigonum submandibulare;

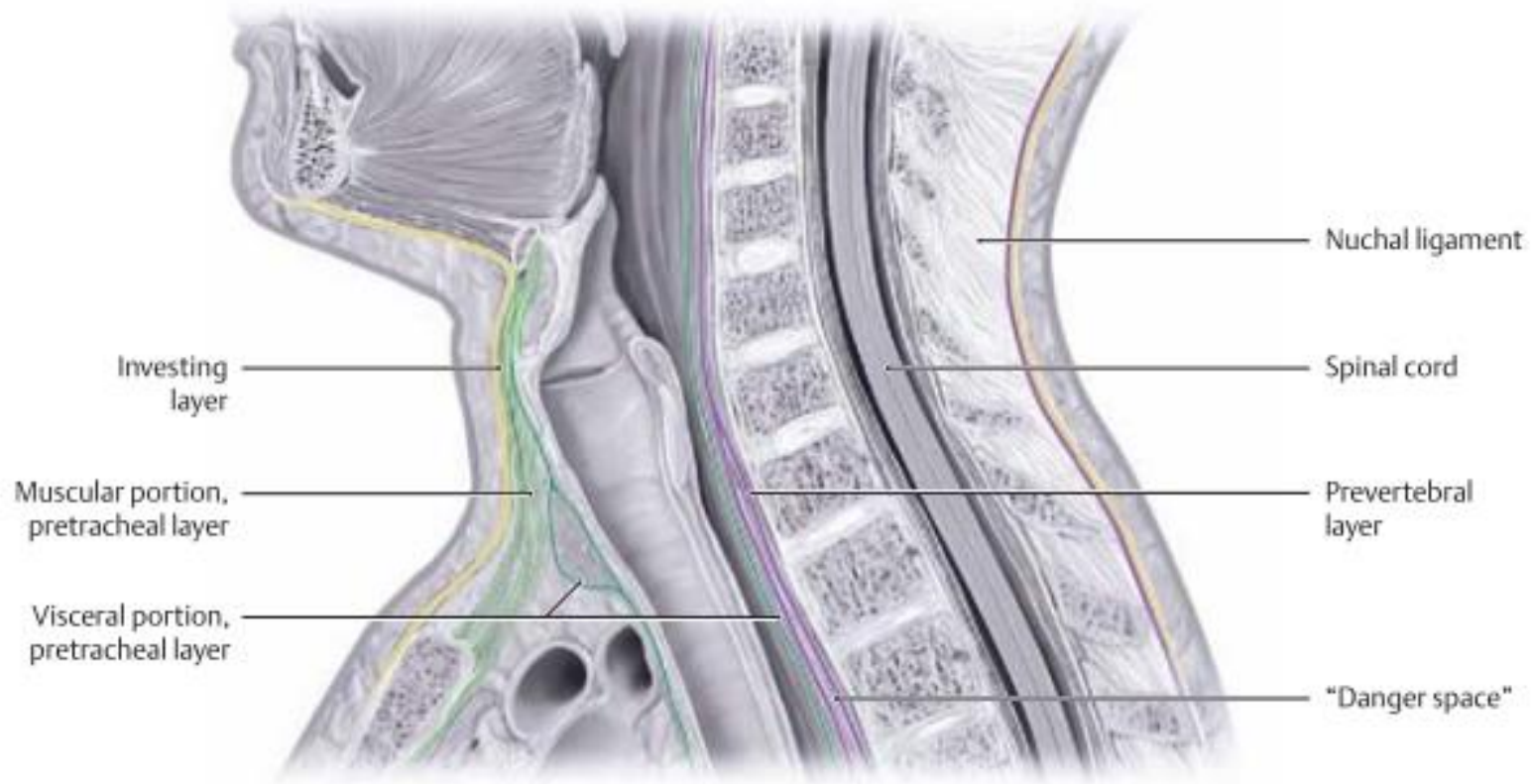
16 – trigonum submentale;

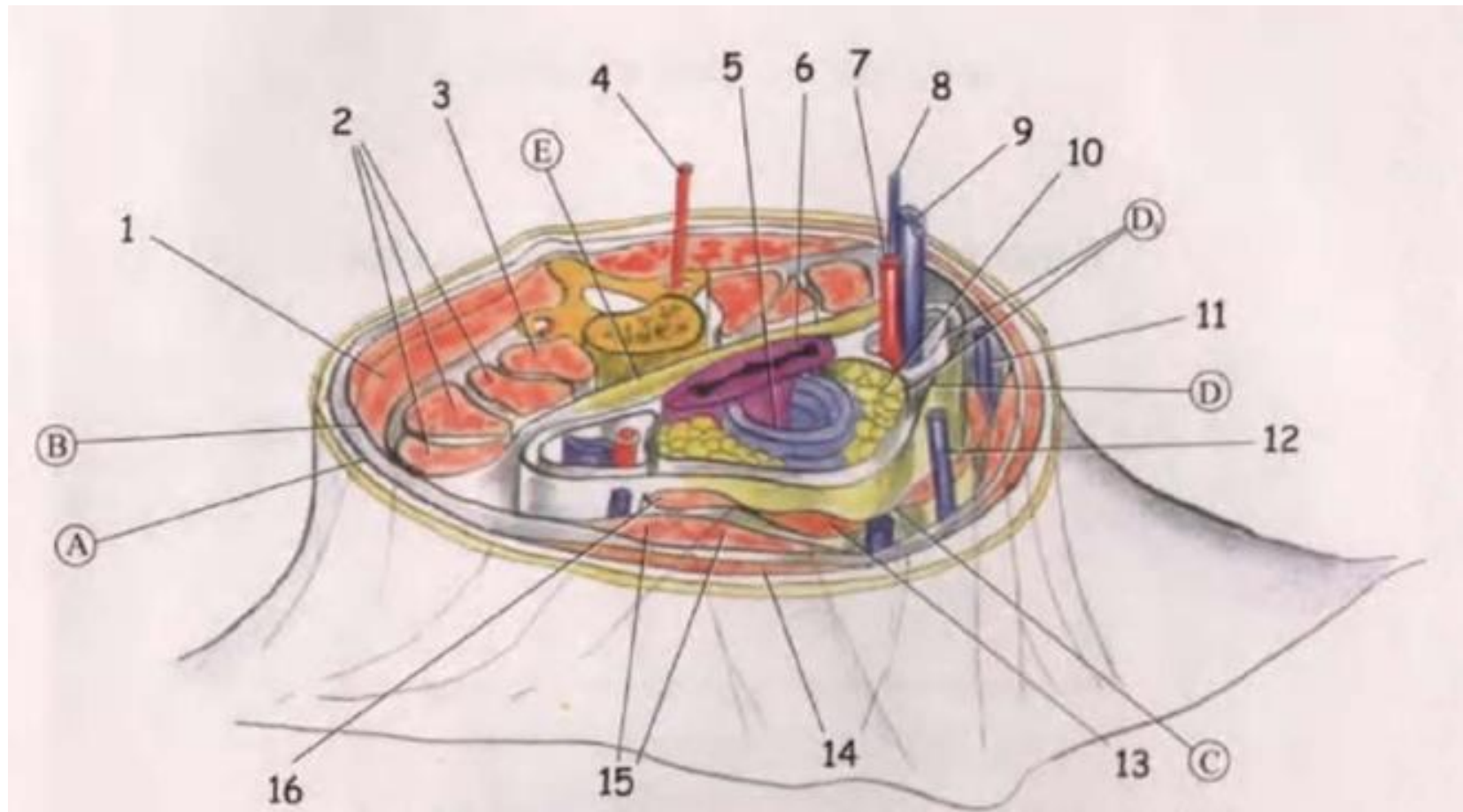
17 – trigonum a. lingualis (Πυροζοφ);

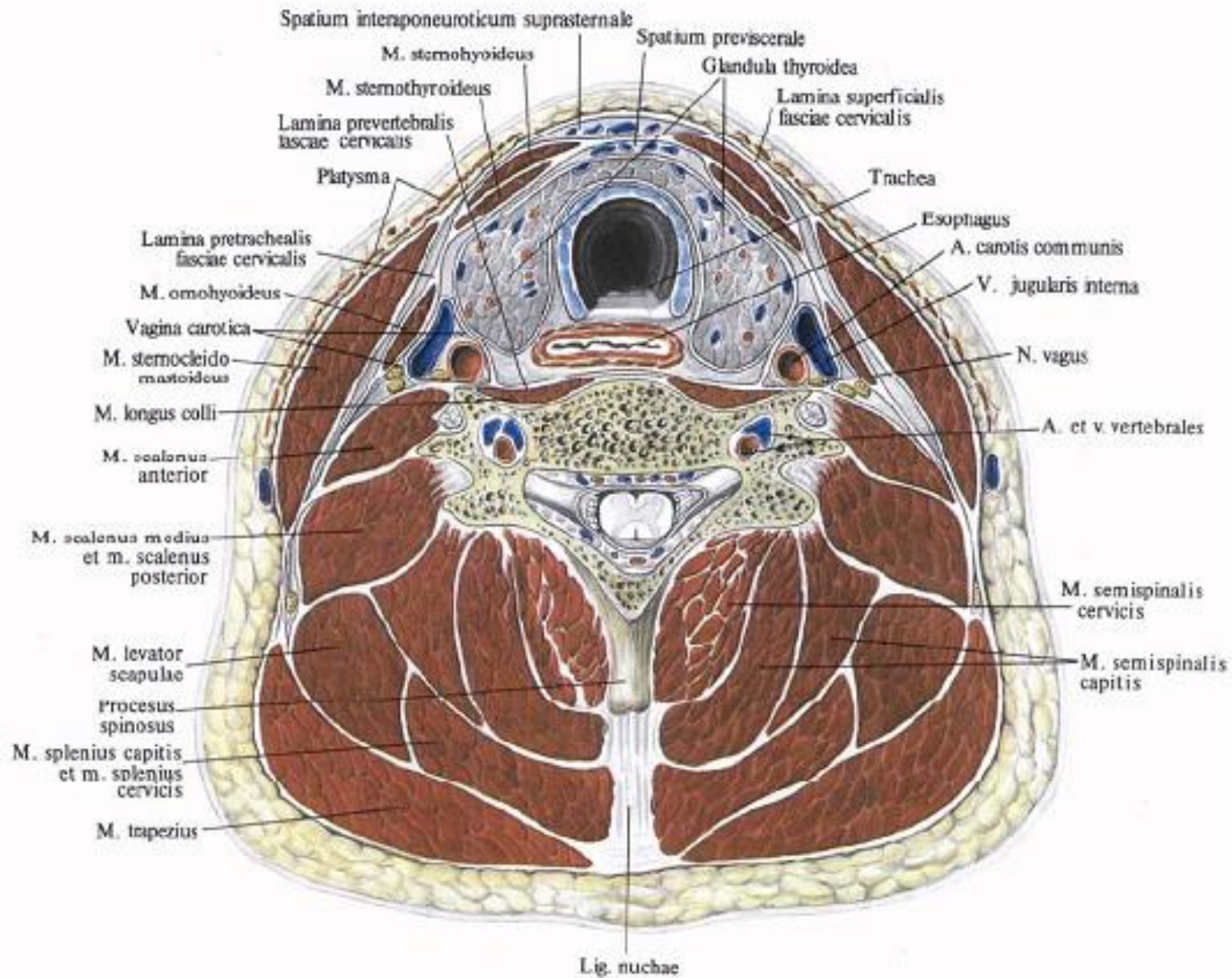
18 – m. mylohyoideus;

19 – n. hypoglossus (XII).









Fascia of the neck

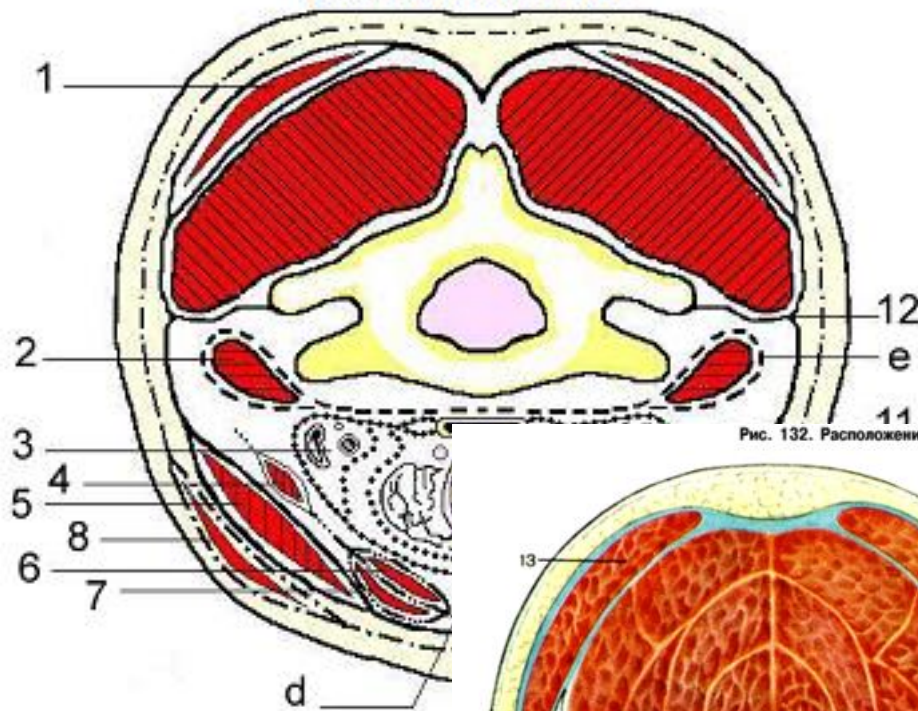
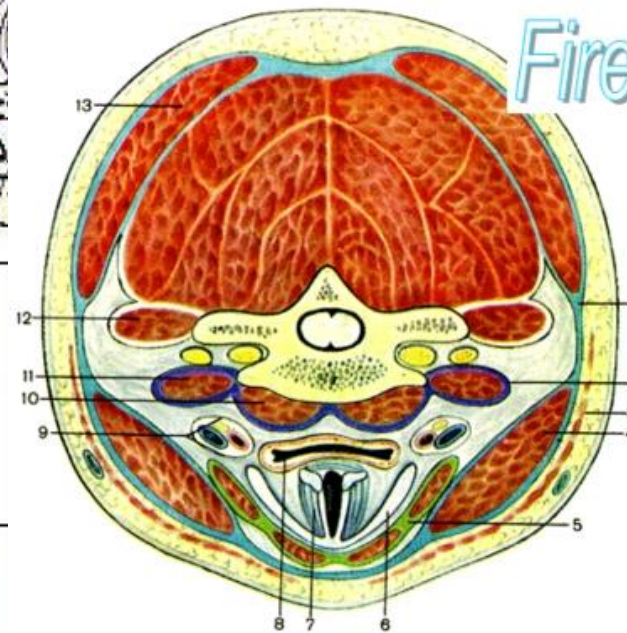


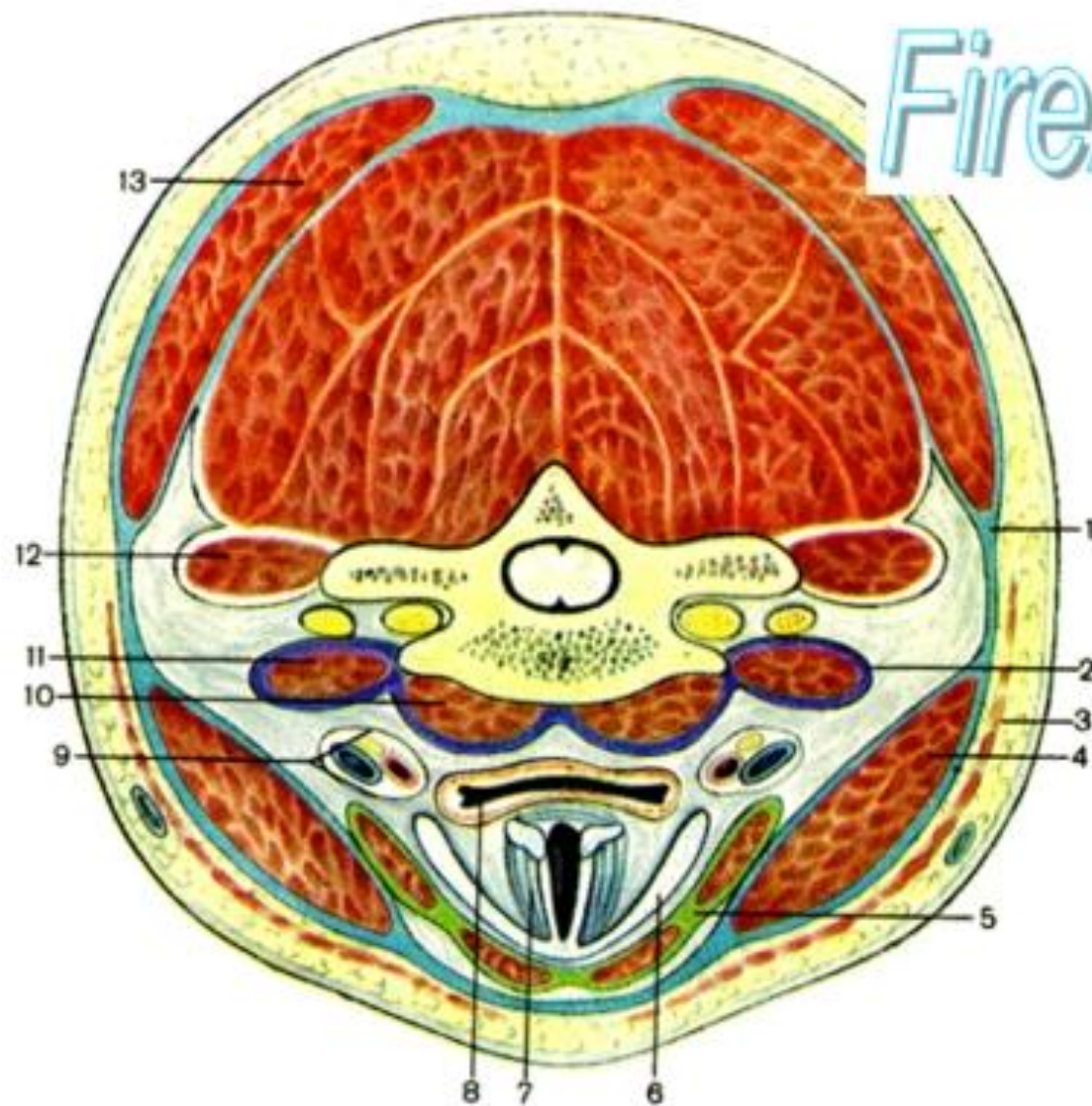
Рис. 132. Расположение пластинок шейной фасции (схема).



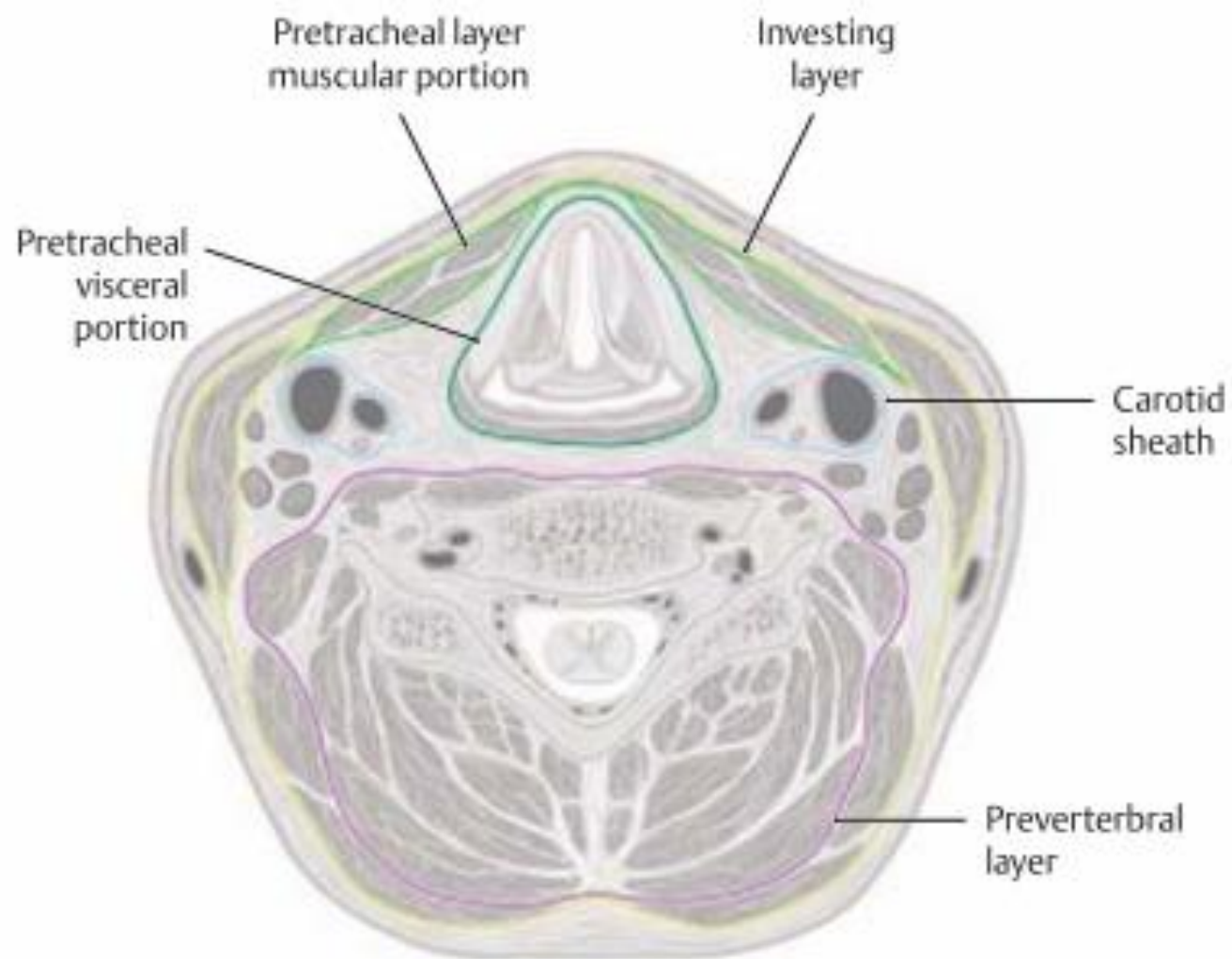
FireAiD - все по медицине.

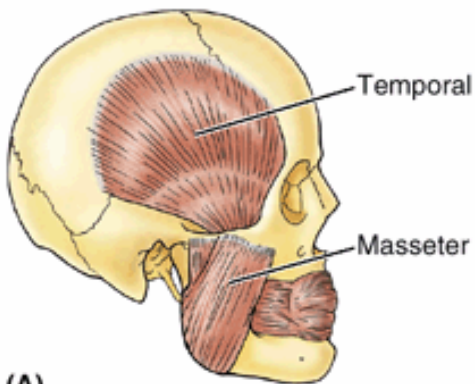
- 1 – *m. trapezius*;
- 2 – *mm. scaleni et mm. prevertebrales*;
- 3 – *fasciculus neurovascularis*;
- 4 – *m. omohyoideus*;
- 5 – *m. sternocleidomastoideus*;
- 6 – *m. thyreoideoideus*;
- a – *fascia colli superficialis (I)*;
- b – *lamina superficialis fasciae colli propriae (II)*;
- c – *lamina profunda fasciae colli propriae (III)*;

- 1 – *lam. superficialis*;
- 2 – *lam. prevertebralis*;
- 3 – *platysma*;
- 4 – *m. sternocleidomastoideus*;
- 5 – *lam. pretrachealis*;
- 6 – *cartilago thyroidea*;
- 7 – *larynx*;
- 8 – *pharynx*;
- 9 – *vagina carotica*;
- 10 – *m. longus colli*;
- 11 – *m. scalenus anterior*;
- 12 – *m. scalenus posterior*;
- 13 – *m. trapezius*.

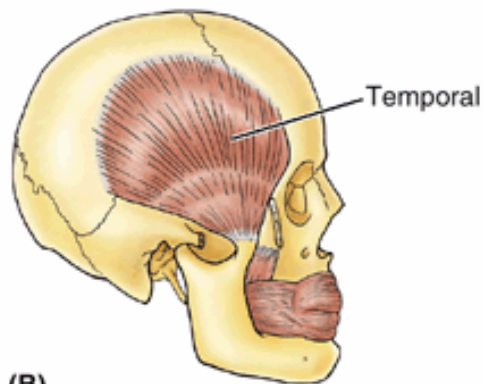


- 1 — lam. superficialis;
- 2 — lam. prevertebralis;
- 3 — platysma;
- 4 — m. sternocleidomastoideus;
- 5 — lam. pretrachealis;
- 6 — cartilago thyroidea;
- 7 — larynx;
- 8 — pharynx;
- 9 — vagina carotica;
- 10 — m. longus colli;
- 11 — m. scalenus anterior;
- 12 — m. scalenus posterior;
- 13 — m. trapezius.

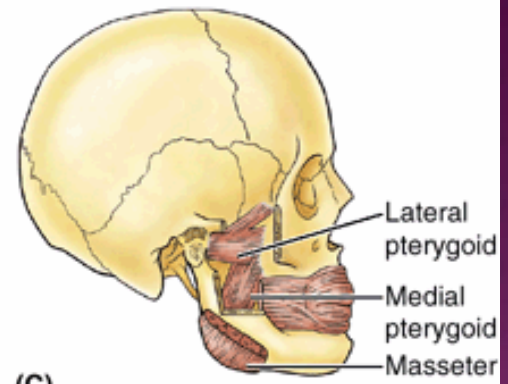




(A)

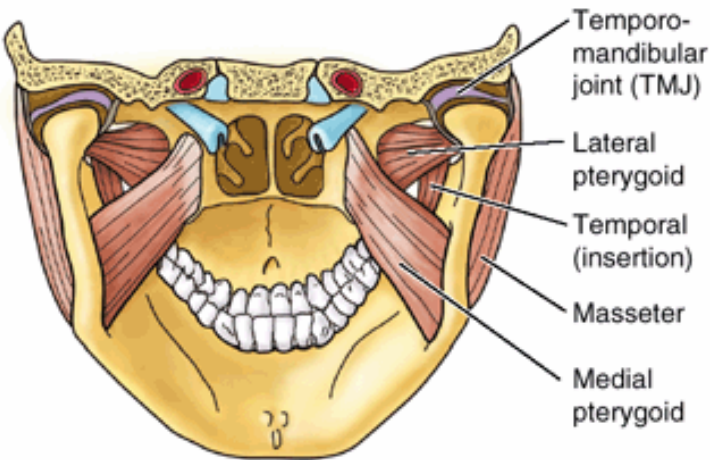


(B)

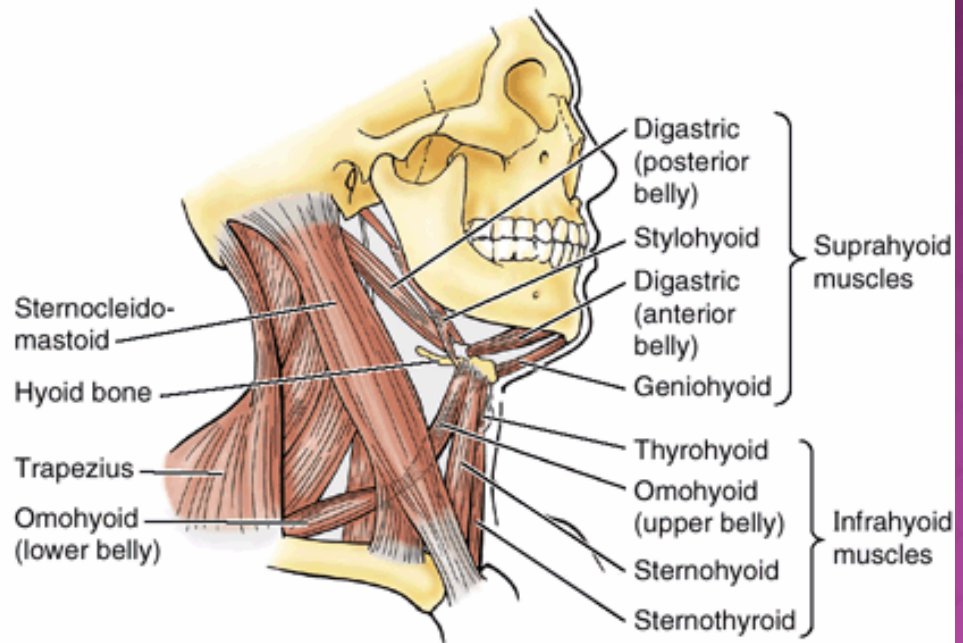


(C)

Lateral views



(D) Posterior view of viscerocranium



(E) Anterolateral view with head rotated slightly to left

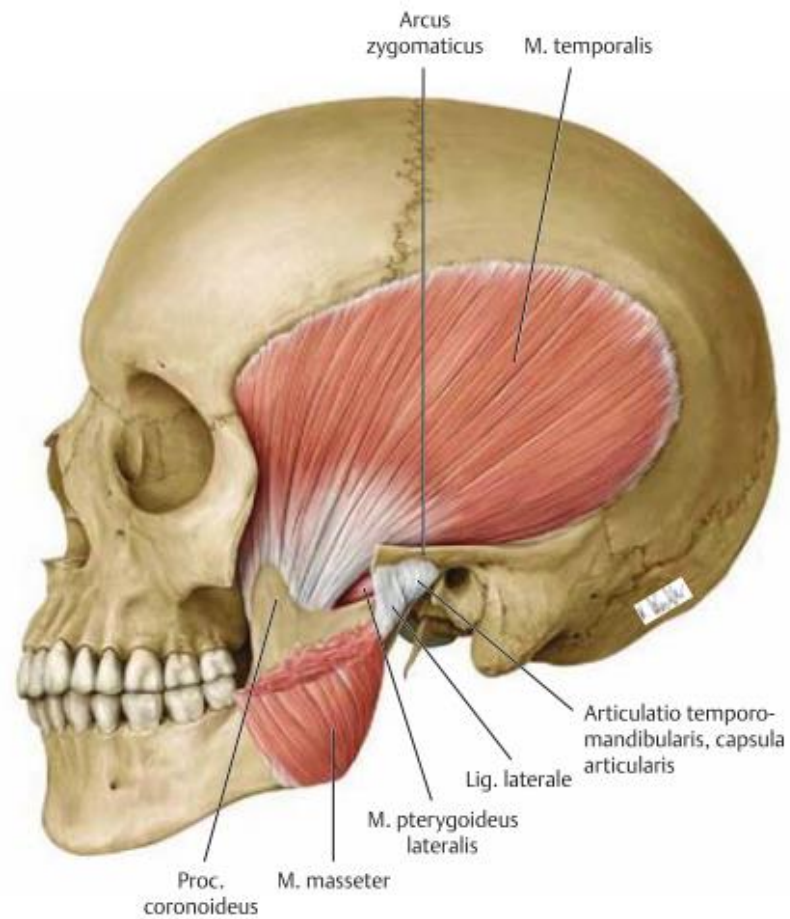
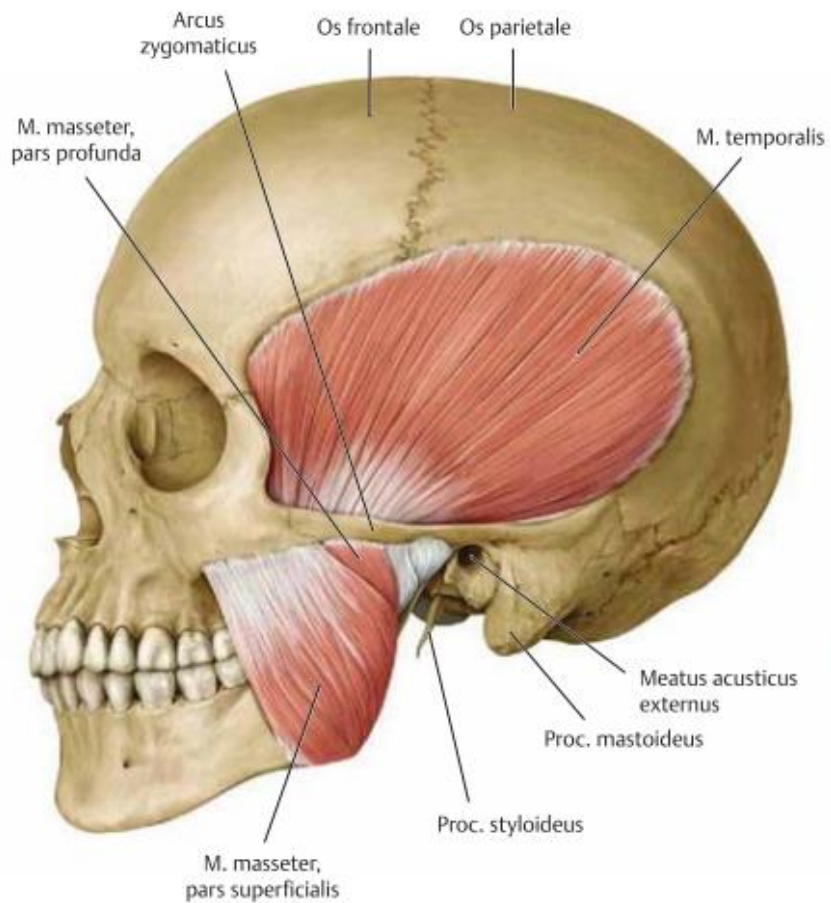
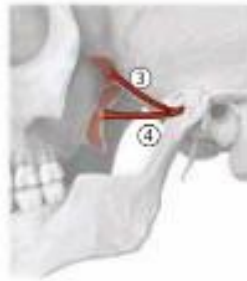
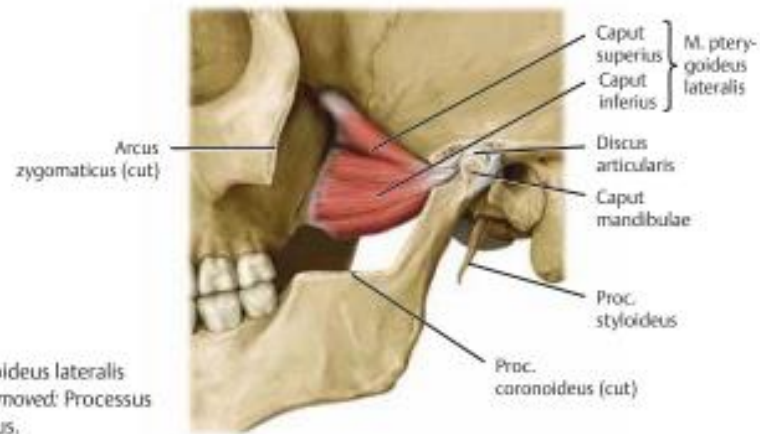


Fig. 30.13 M. pterygoideus lateralis

Left lateral view.



A Schematic.



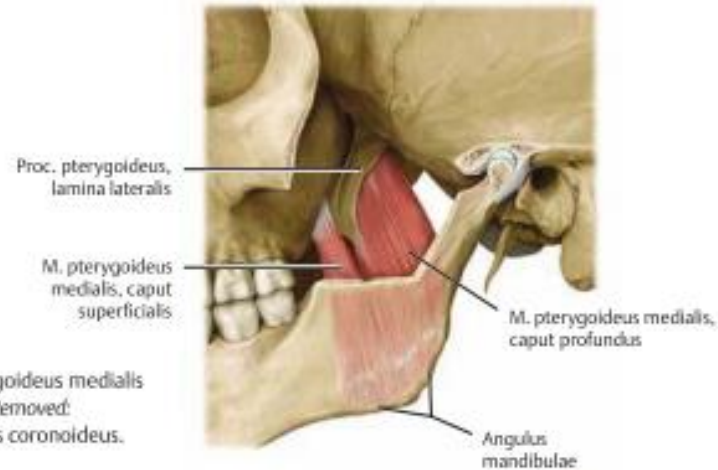
B M. pterygoideus lateralis sinister. Removed: Processus coronoideus.

Fig. 30.14 M. pterygoideus medialis

Left lateral view.



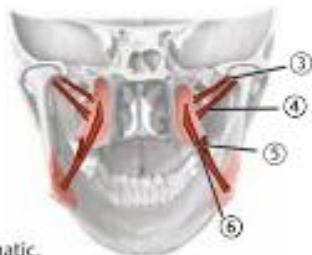
A Schematic.



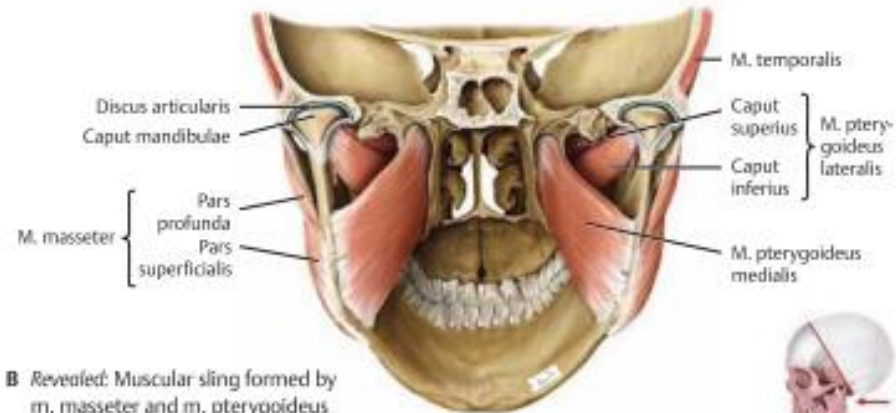
B M. pterygoideus medialis sinister. Removed: Processus coronoideus.

Fig. 30.15 Masticatory muscle sling

Oblique posterior view.



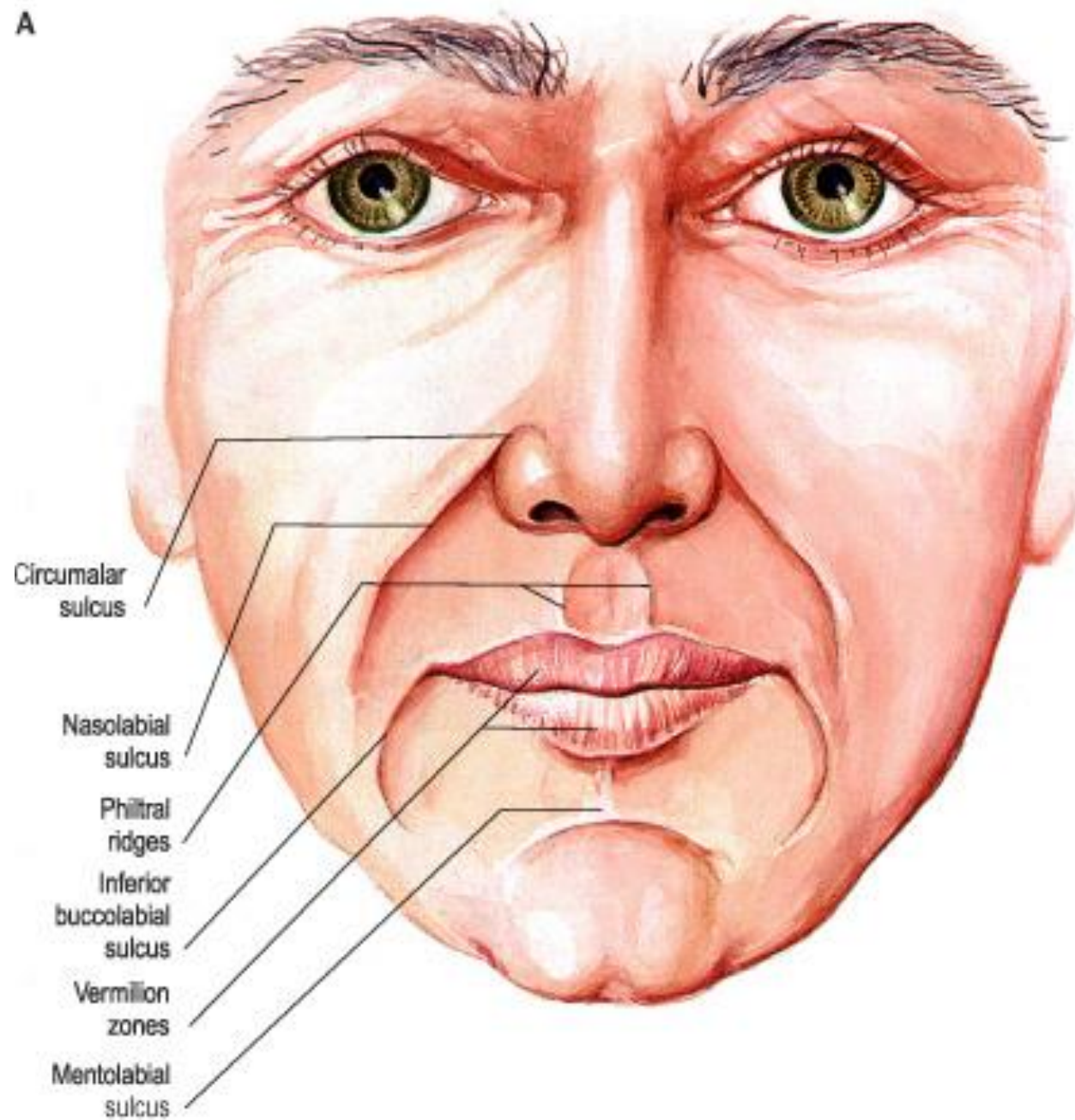
A Schematic.

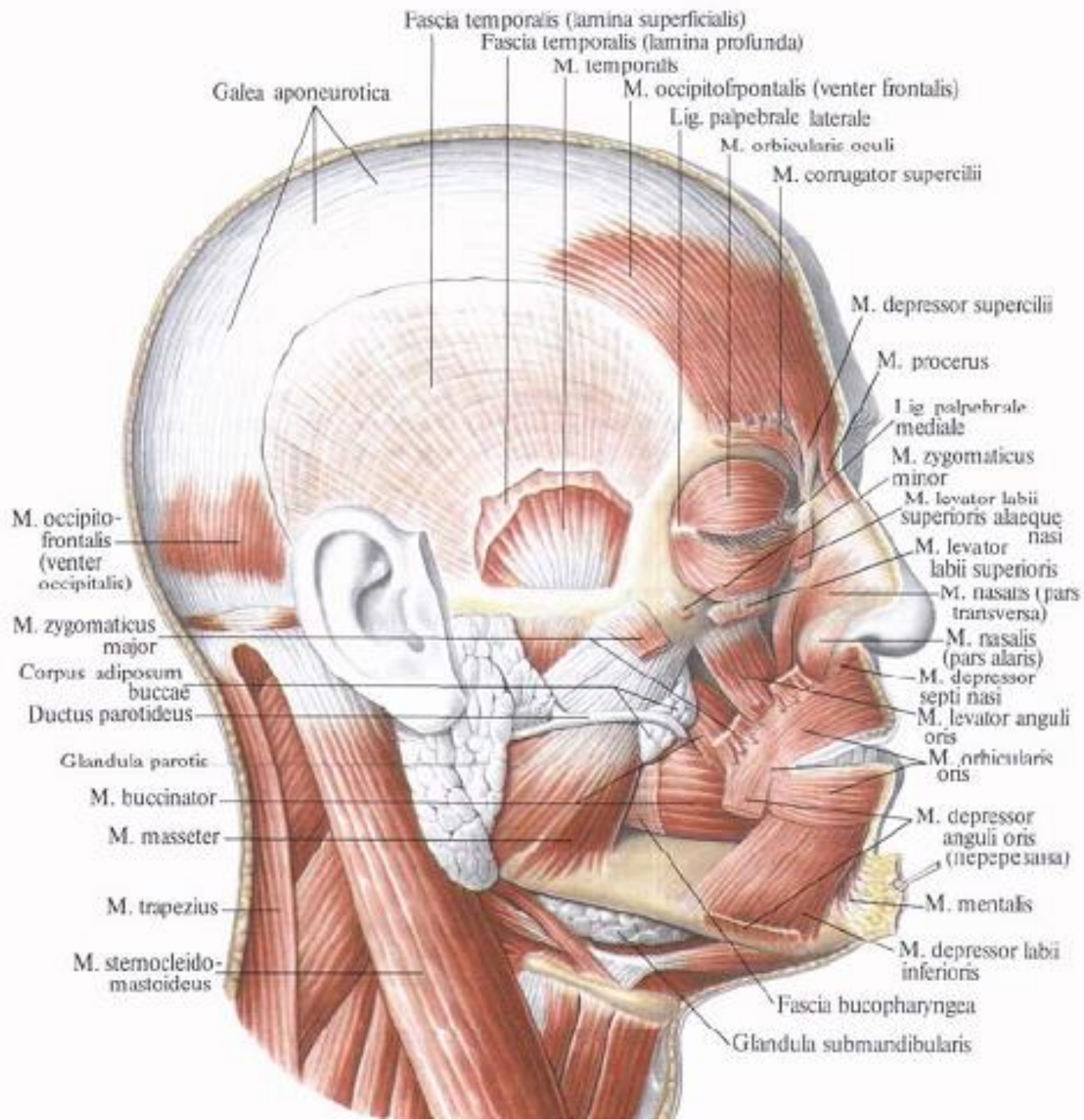


B Revealed: Muscular sling formed by m. masseter and m. pterygoideus medialis that embed mandibula.



A





Galea aponeurotica

M. occipitofrontalis,
venter frontalis

M. corrugator
supercilii

M. procerus

M. orbicularis
oculi

M. levator
labii superioris
alaeque nasi

M. levator labii
superioris alaeque
nasi (O)

M. nasalis

M. levator labii
superioris (O)

M. levator
labii superioris

M. zygomaticus
minor (O)

M. zygomaticus
minor

M. zygomaticus
major (O)

M. zygomaticus
major

M. levator anguli
oris (O)

M. levator
anguli oris

M. buccinator

M. risorius (I)

M. risorius

M. masseter

Platysma

M. orbicularis oris

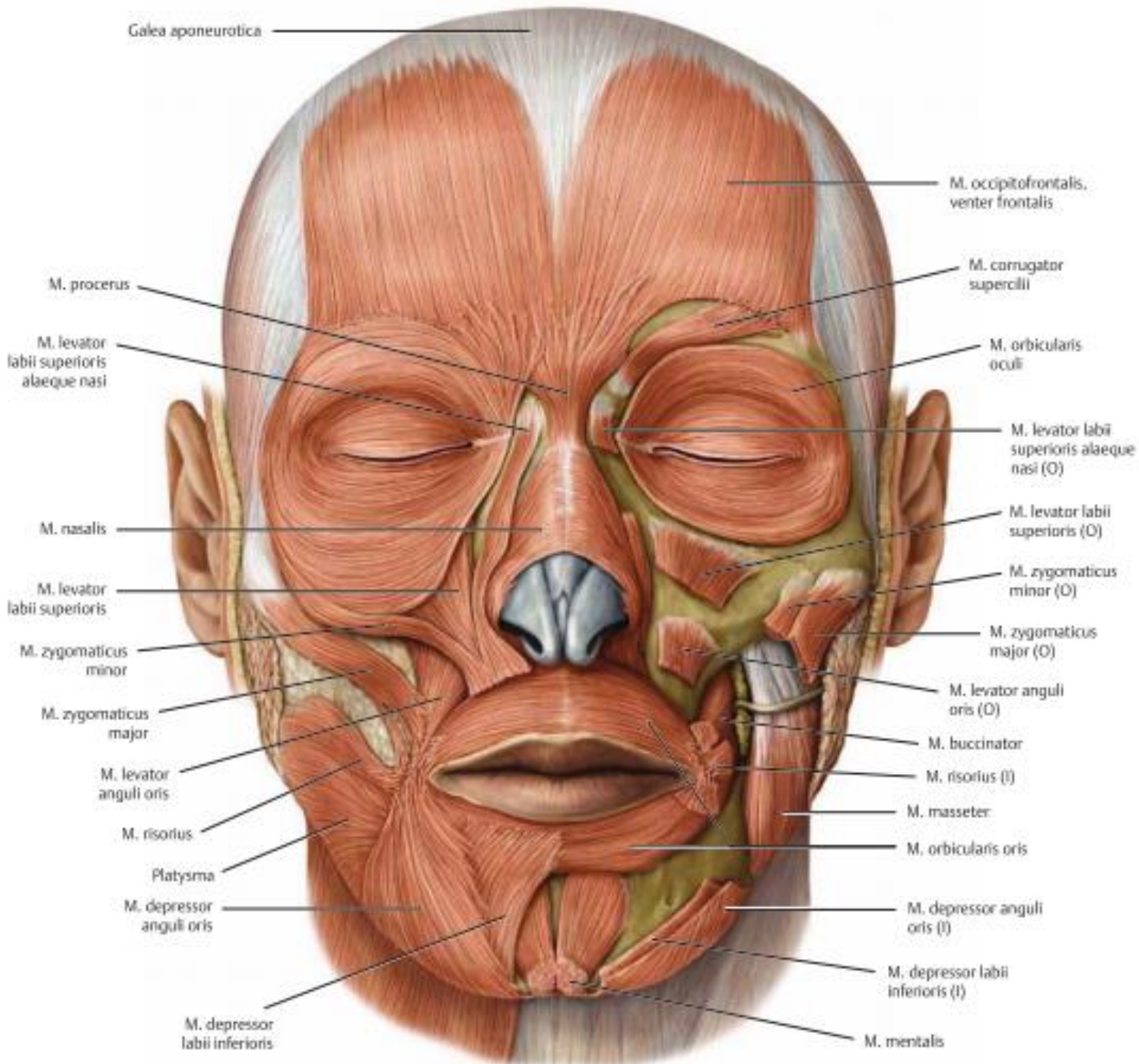
M. depressor
anguli oris

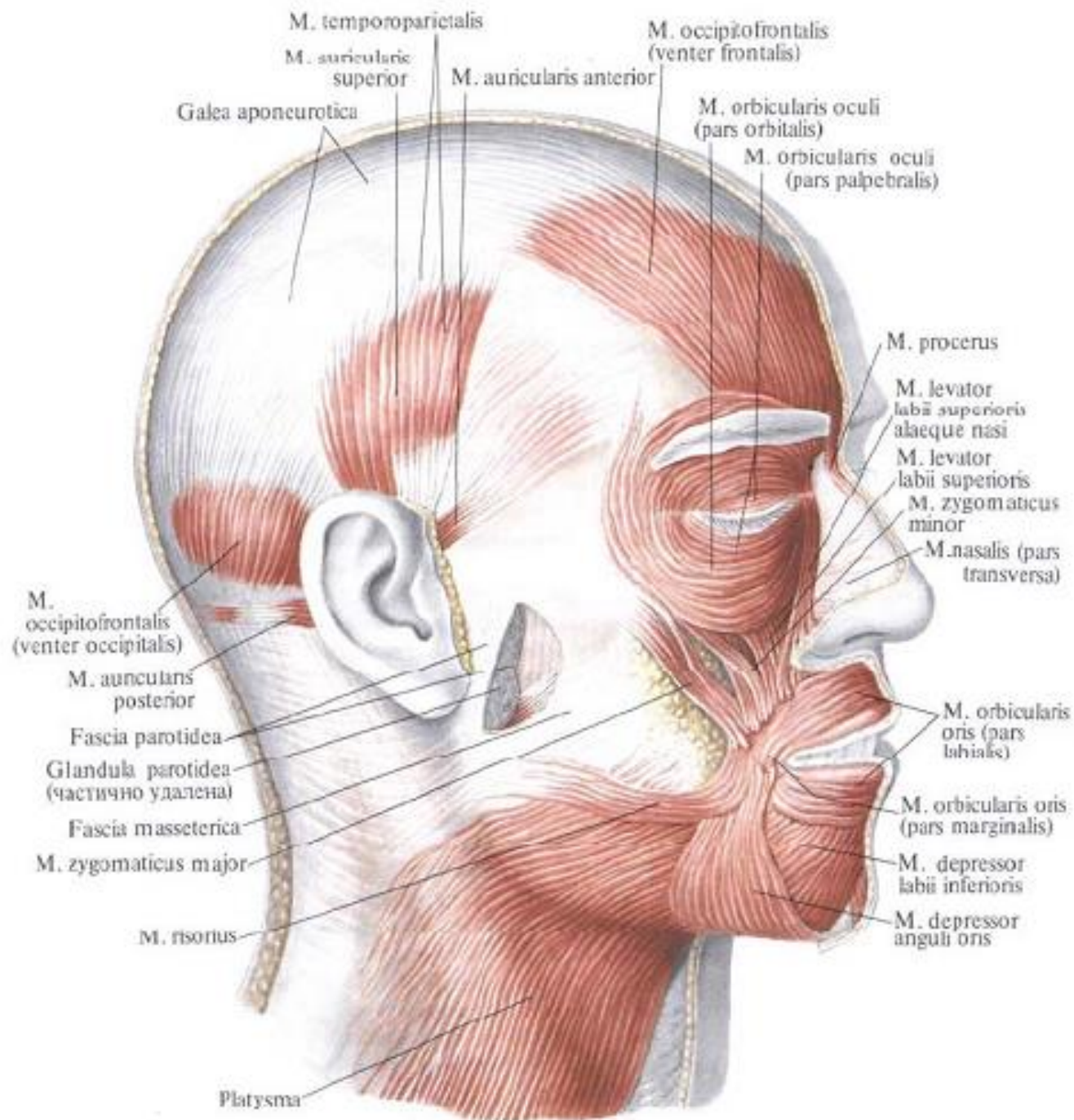
M. depressor anguli
oris (I)

M. depressor
labii inferioris

M. depressor labii
inferioris (I)

M. mentalis





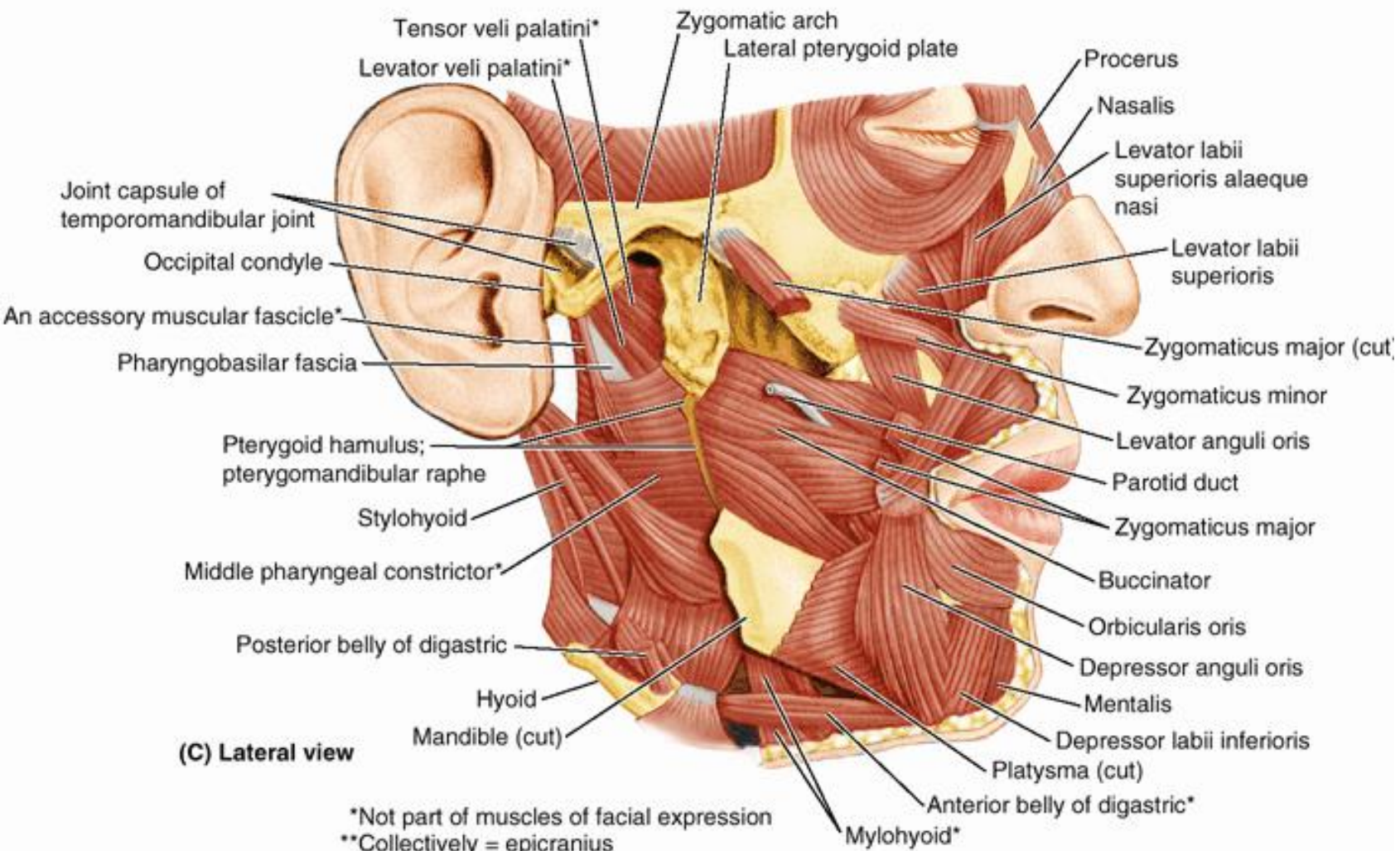


Fig. 30.7 M. occipitofrontalis
Anterior view.

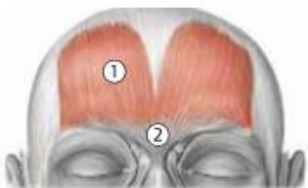
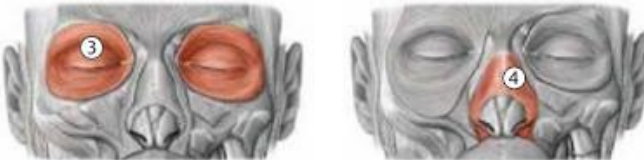


Fig. 30.8 Muscles of the palpebral fissure and nose
Anterior view.



A M. orbicularis oculi. **B M. nasalis.**

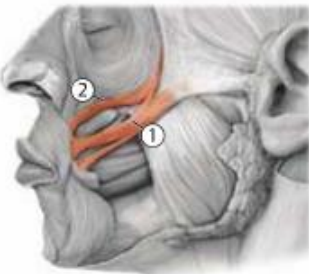


C M. levator labii superioris alaeque nasi.

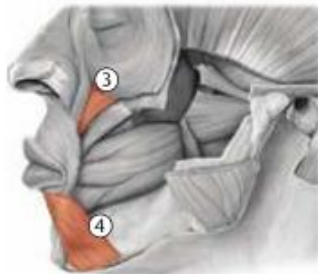
Fig. 30.9 Muscles of the ear
Left lateral view.



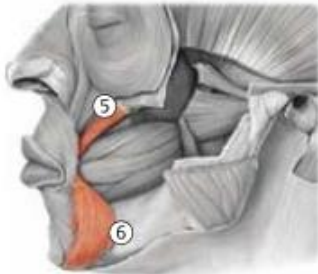
Fig. 30.10 Muscles of the mouth
Left lateral view.



A Mm. zygomaticus major and minor.



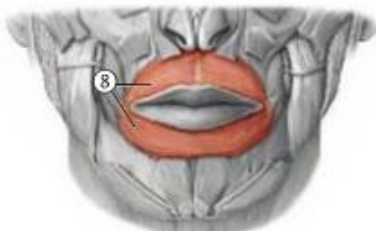
B M. levator labii superioris and m. depressor labii inferioris.



C Mm. levator and depressor anguli oris.



D M. buccinator.



E M. orbicularis oris, anterior view.



F M. mentalis, anterior view.



Occipitofrontalis



Corrugator supercilii



Procerus + transverse
part of nasalis



Orbicularis oculi



Lev. labii sup. alaeque nasi +
alar part of nasalis



Buccinator + orbicularis oris



Zygomaticus major + minor



Risorius



Risorius + depressor
labii inferioris



Levator labii superioris +
depressor labii



Dilators of mouth:
Risorius plus levator labii superioris
+ depressor labii inferioris



Orbicularis oris



Depressor anguli oris



Mentalis



Platysma

**VĂ MULȚUMESC
PENTRU ATENȚIE!**

