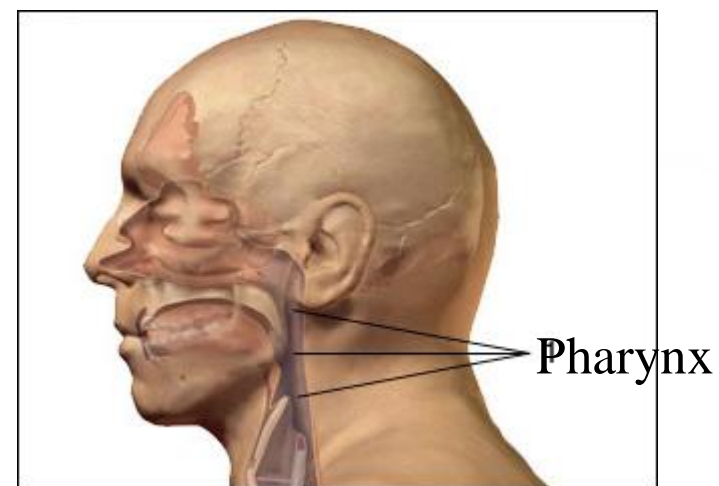




解剖學

- 肌肉系統 (3) -



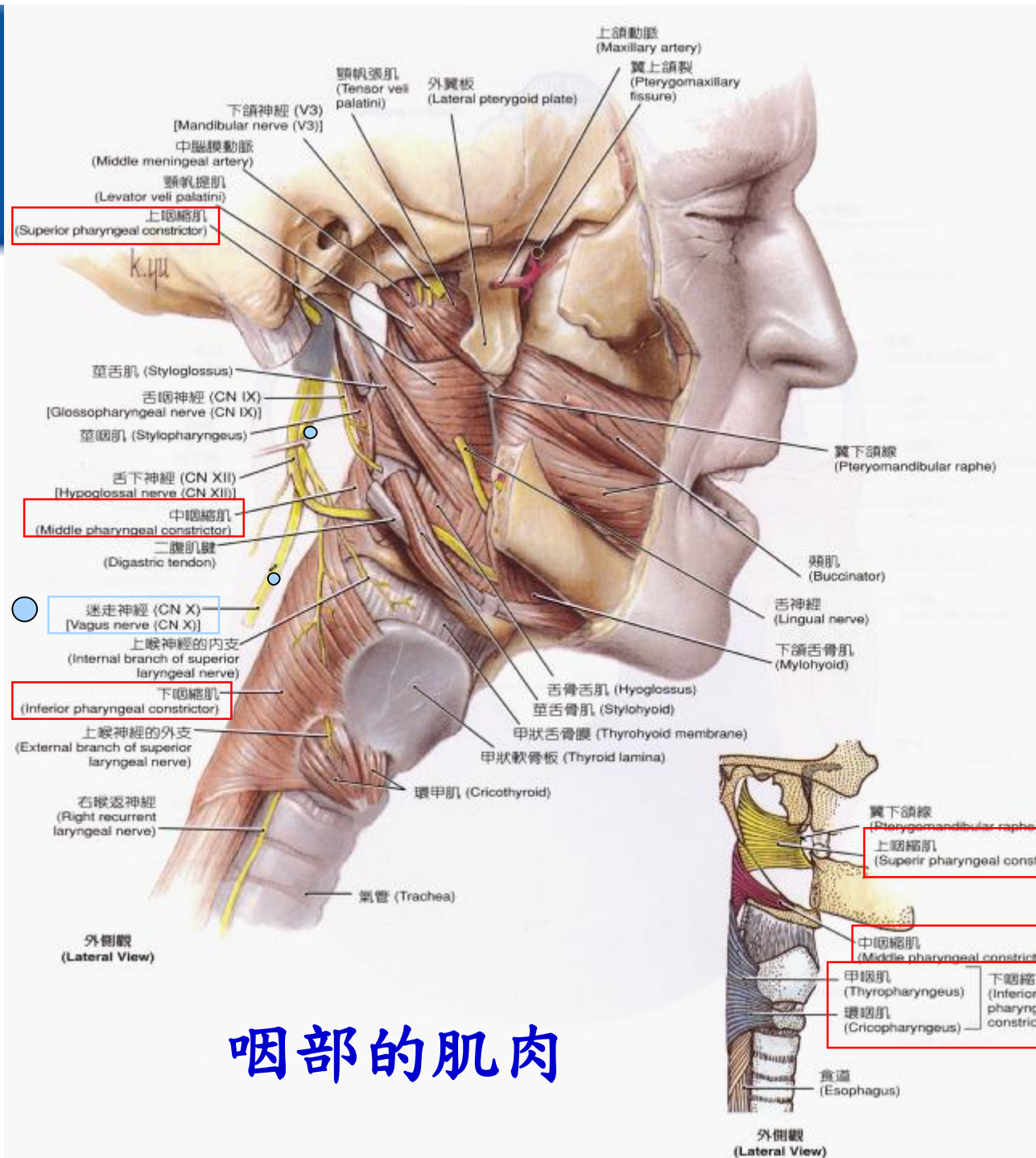
咽部的肌肉

● 上咽縮肌
(Superior pharyngeal constrictor)

起端：翼突

● 中咽縮肌
(Middle pharyngeal Constrictor)

起端：舌骨



咽部的肌肉

咽部的肌肉

● 下咽縮肌

(Inferior pharyngeal constrictor)

起端：甲狀軟骨的斜線

止端：咽線

● 莖突咽肌

(Stylopharyngeus)

起端：莖突基部

止端：甲狀軟骨

● 耳咽管咽肌

(Salpingopharyngeus)

起端：耳咽管下部

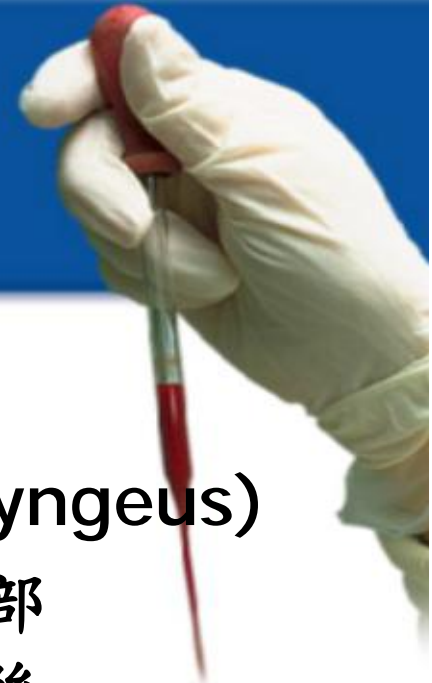
止端：腭咽肌之後

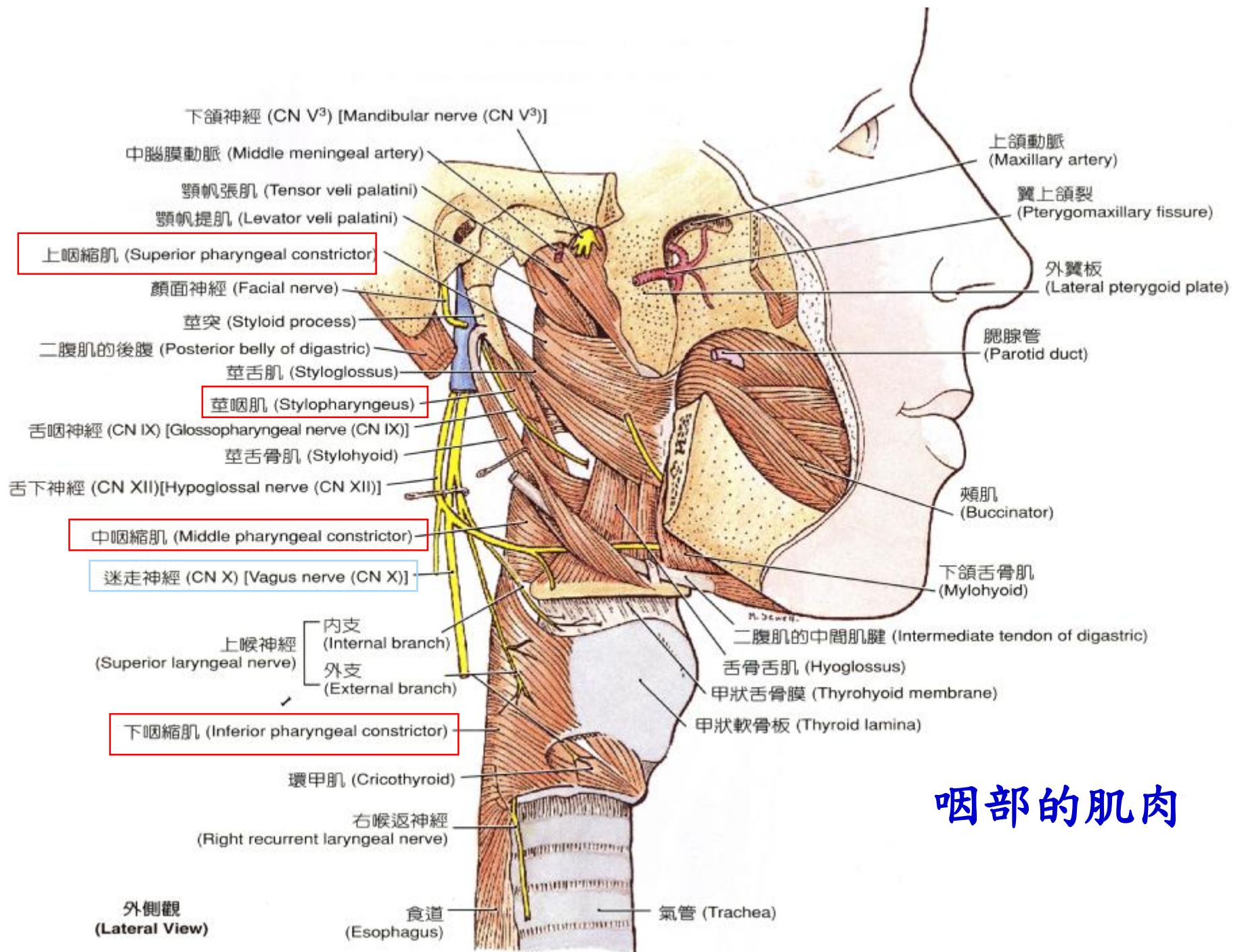
● 腭咽肌

(Palatopharyngeus)

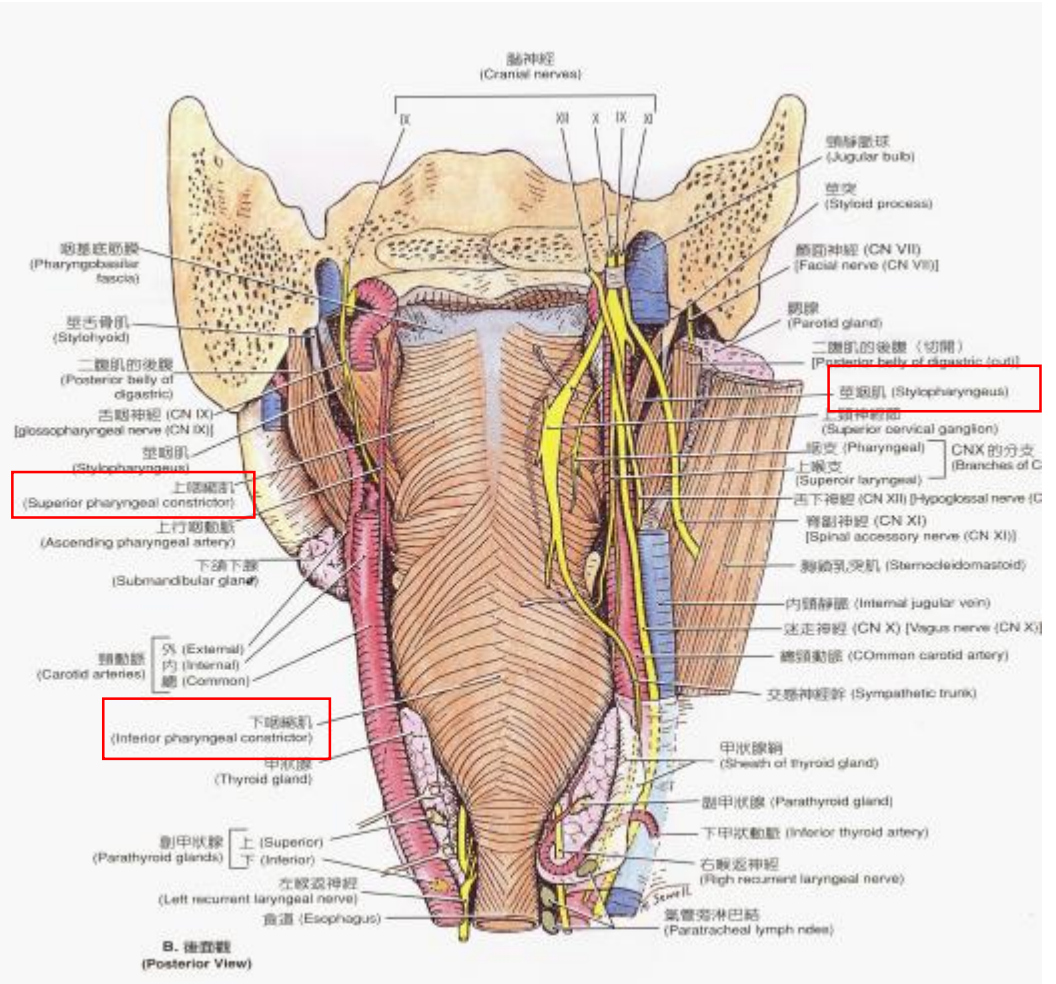
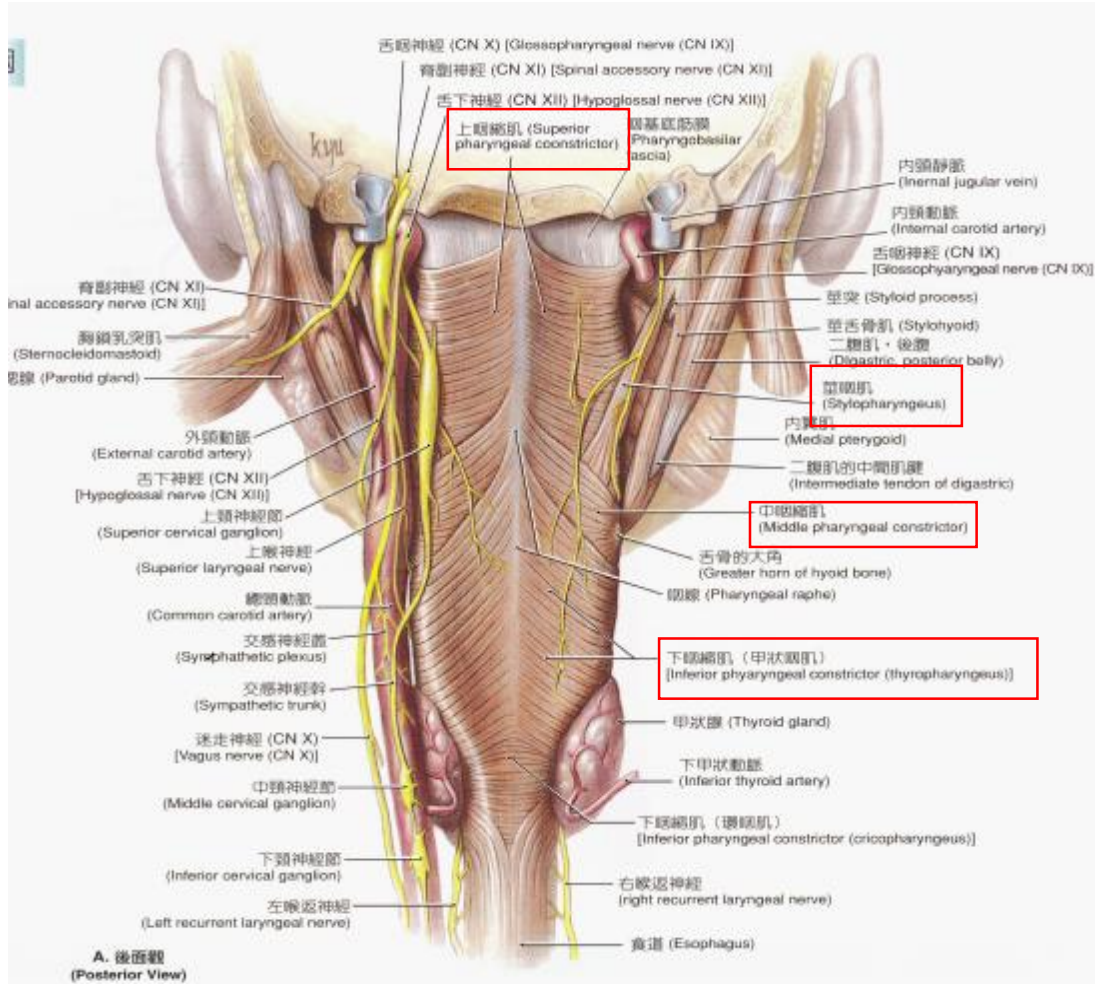
起端：軟腭

止端：甲狀軟骨後緣

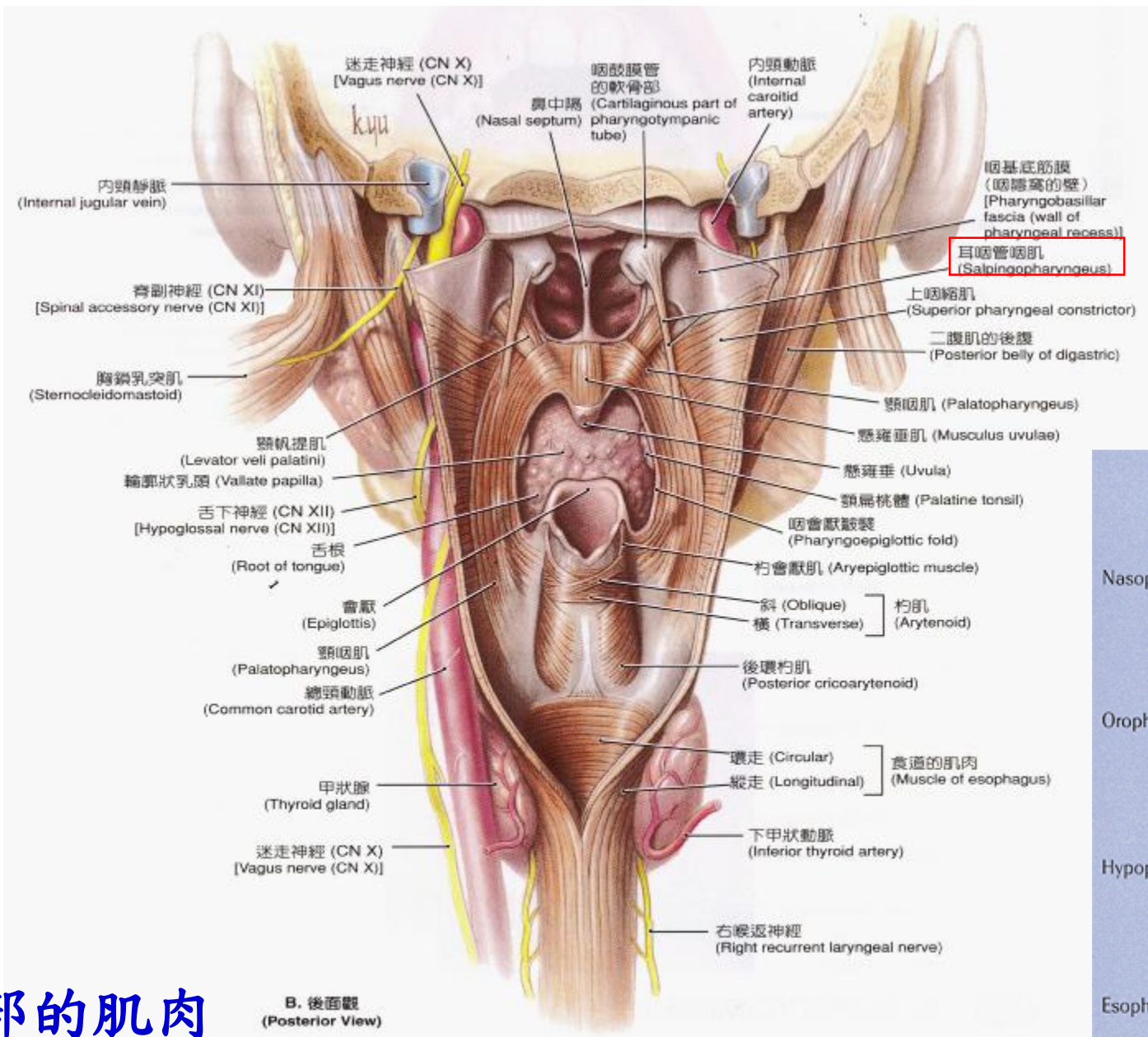




咽部的肌肉



咽部的肌肉



B. 後面觀 (Posterior View)

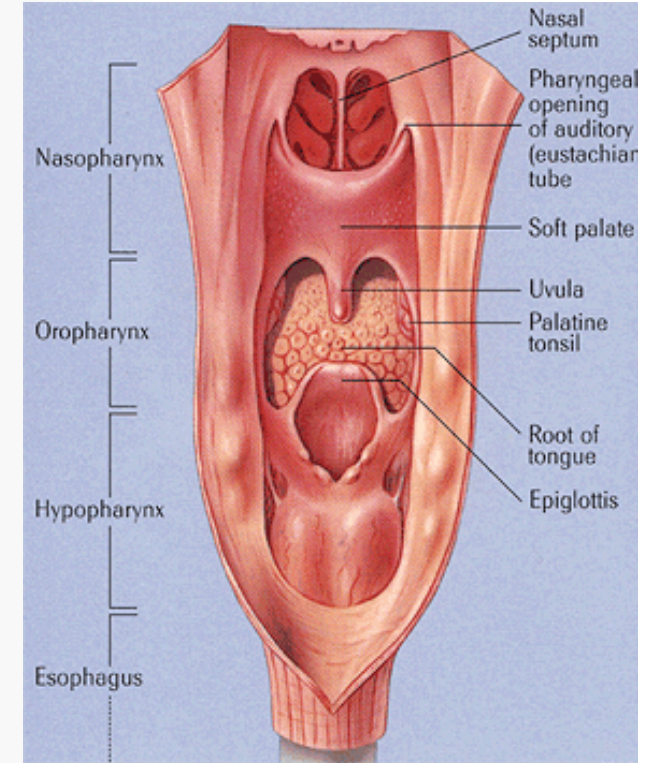
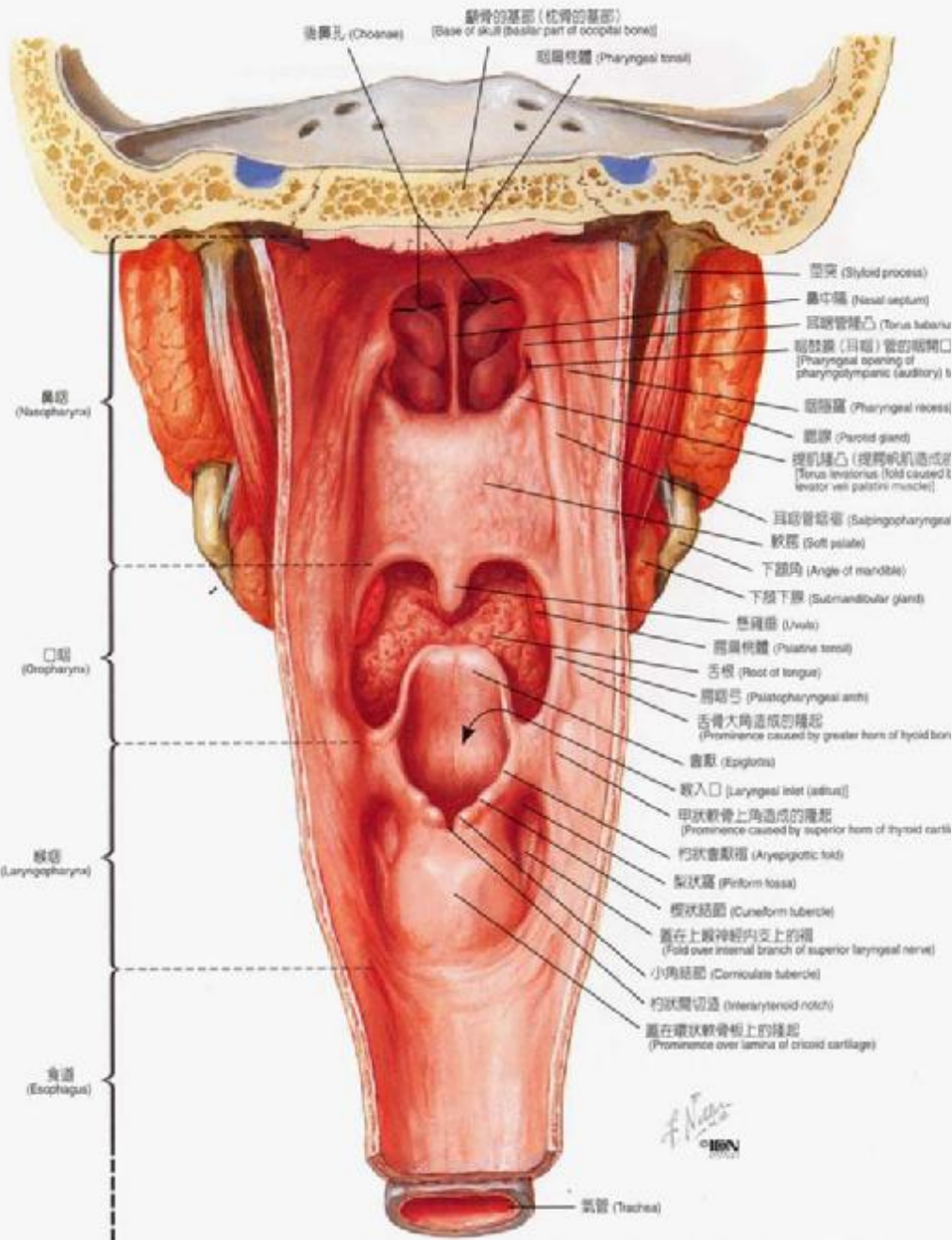


Image made available by a generous grant from Bristol-Myers Squi

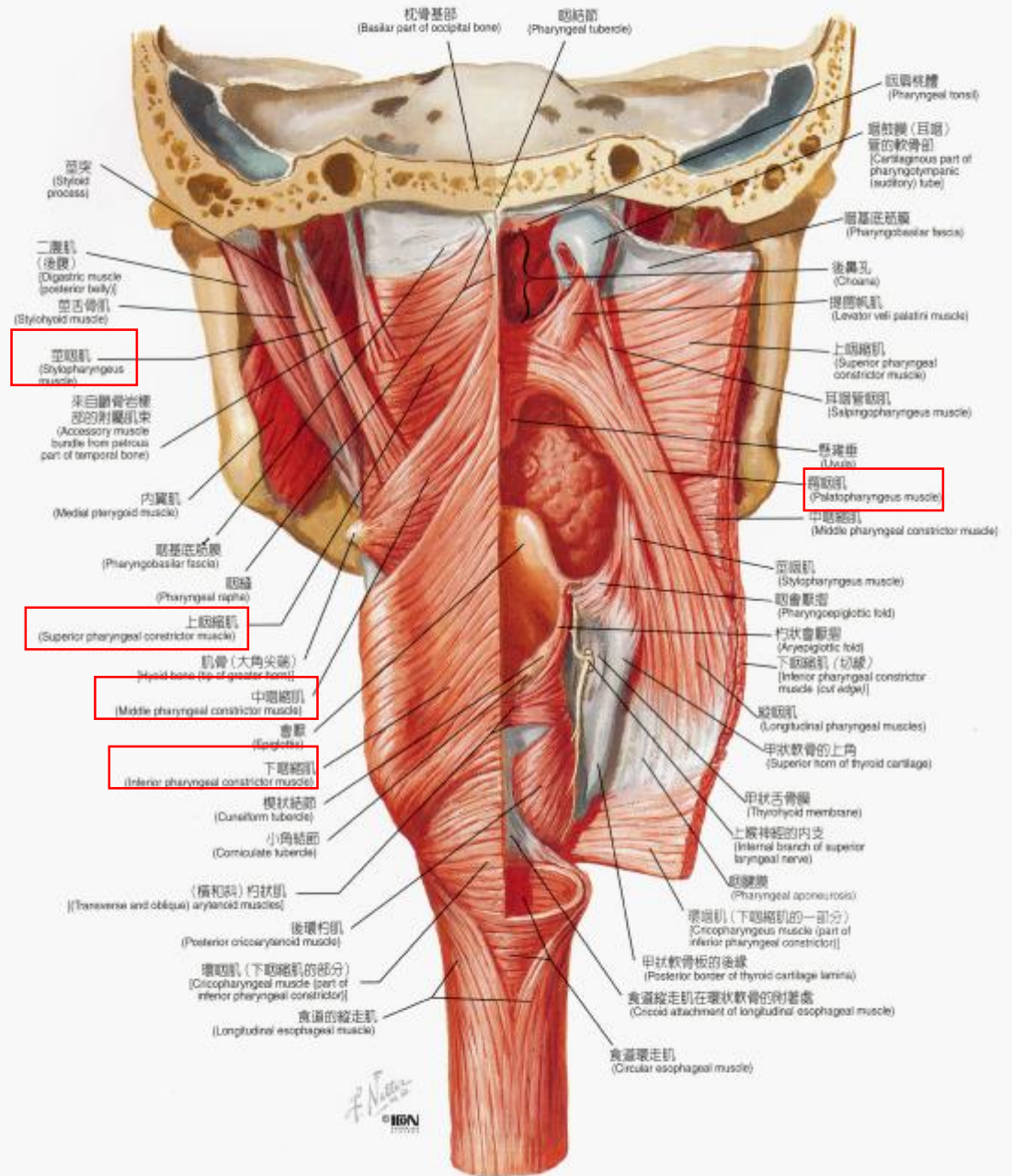
咽部的肌肉

咽：切開後的後面觀 (Pharynx : Opened Posterior View)

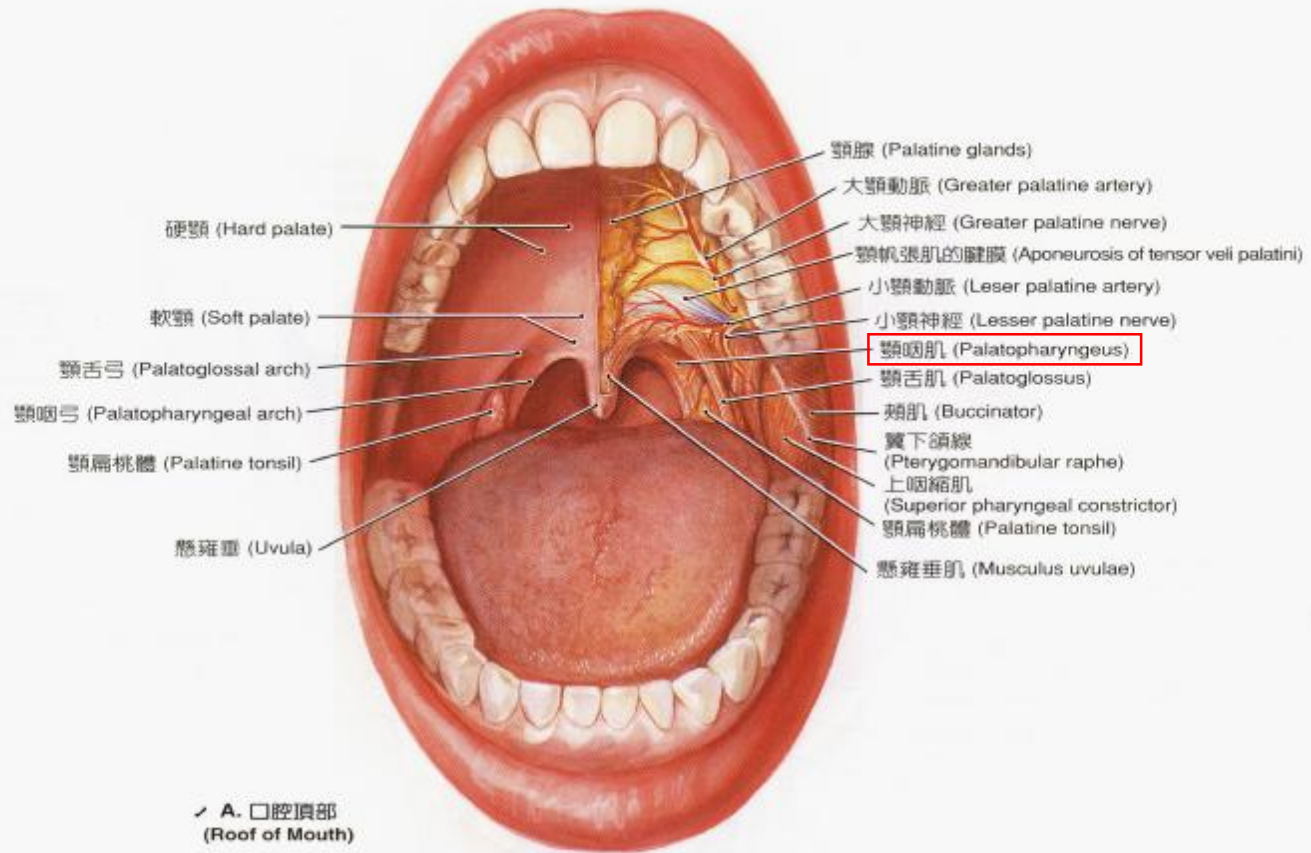


咽部的肌肉：部分切開後的後面觀 (Muscles of Pharynx : Partially Opened Posterior View)

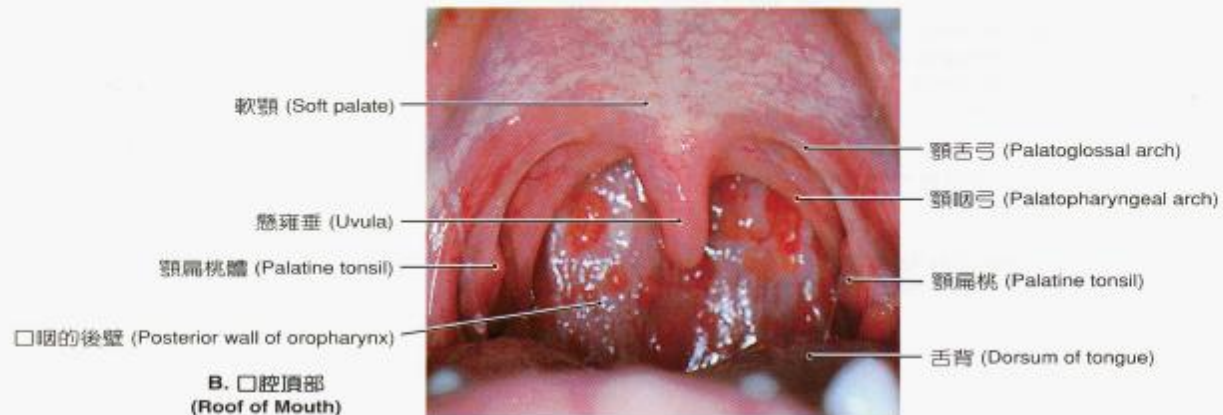
亦見圖片 223



咽門的峽部和扁桃體



✓ A. 口腔頂部 (Roof of Mouth)



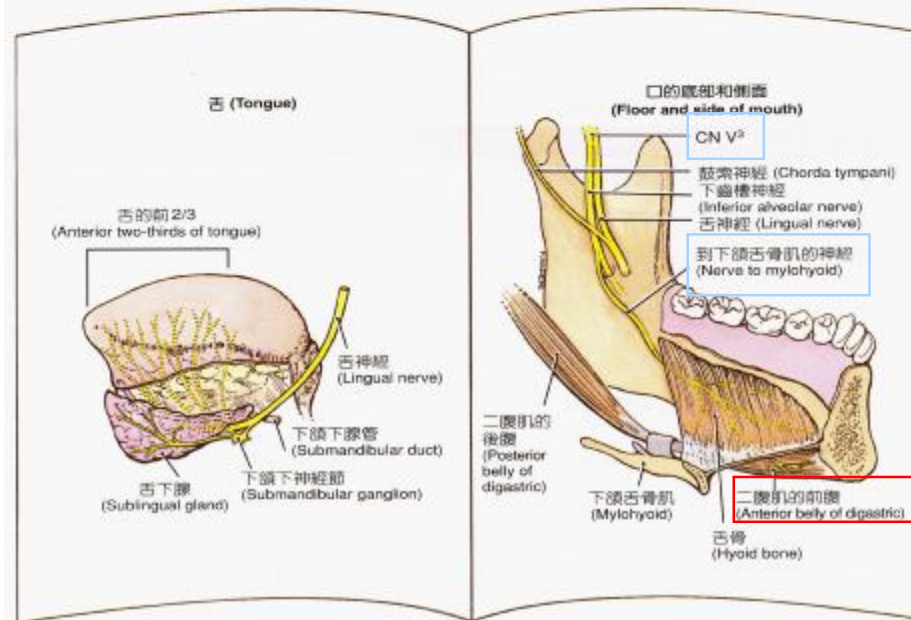
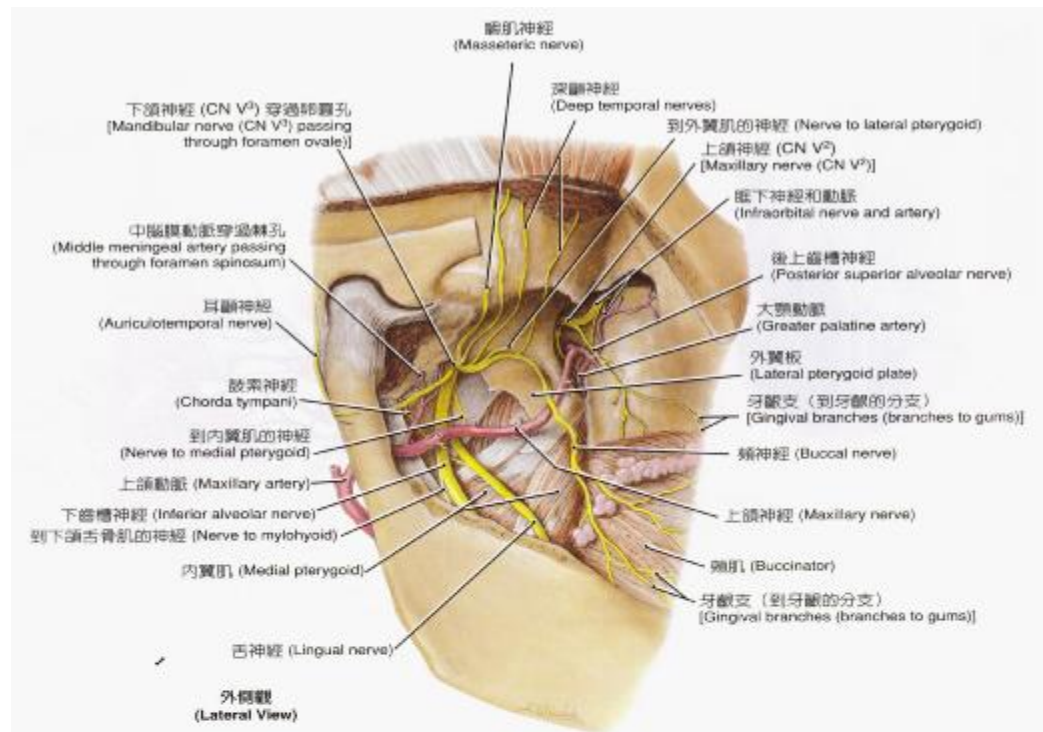
B. 口腔頂部 (Roof of Mouth)

8.30 咽門的峽部 (口咽的峽部) - I

喉的外在肌

- 舌骨上肌
- 舌骨下肌





舌骨上肌

● 莖突舌骨肌 (Stylohyoid)

起端：顛骨莖突

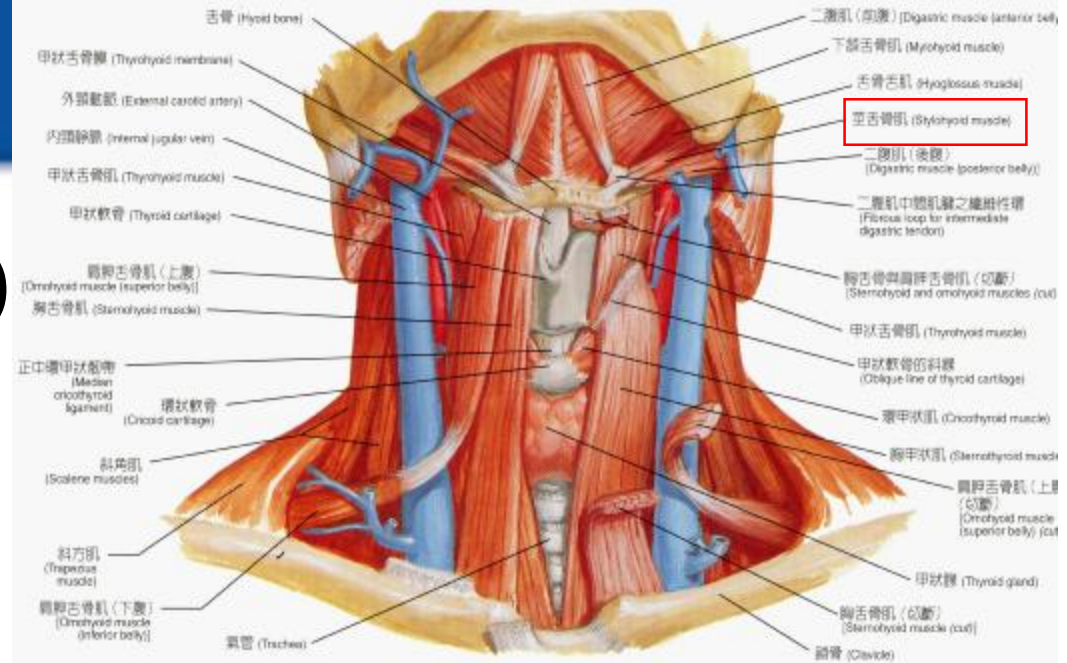
● 顏舌骨肌 (Geniohyoid)

起端：下頷骨內側面

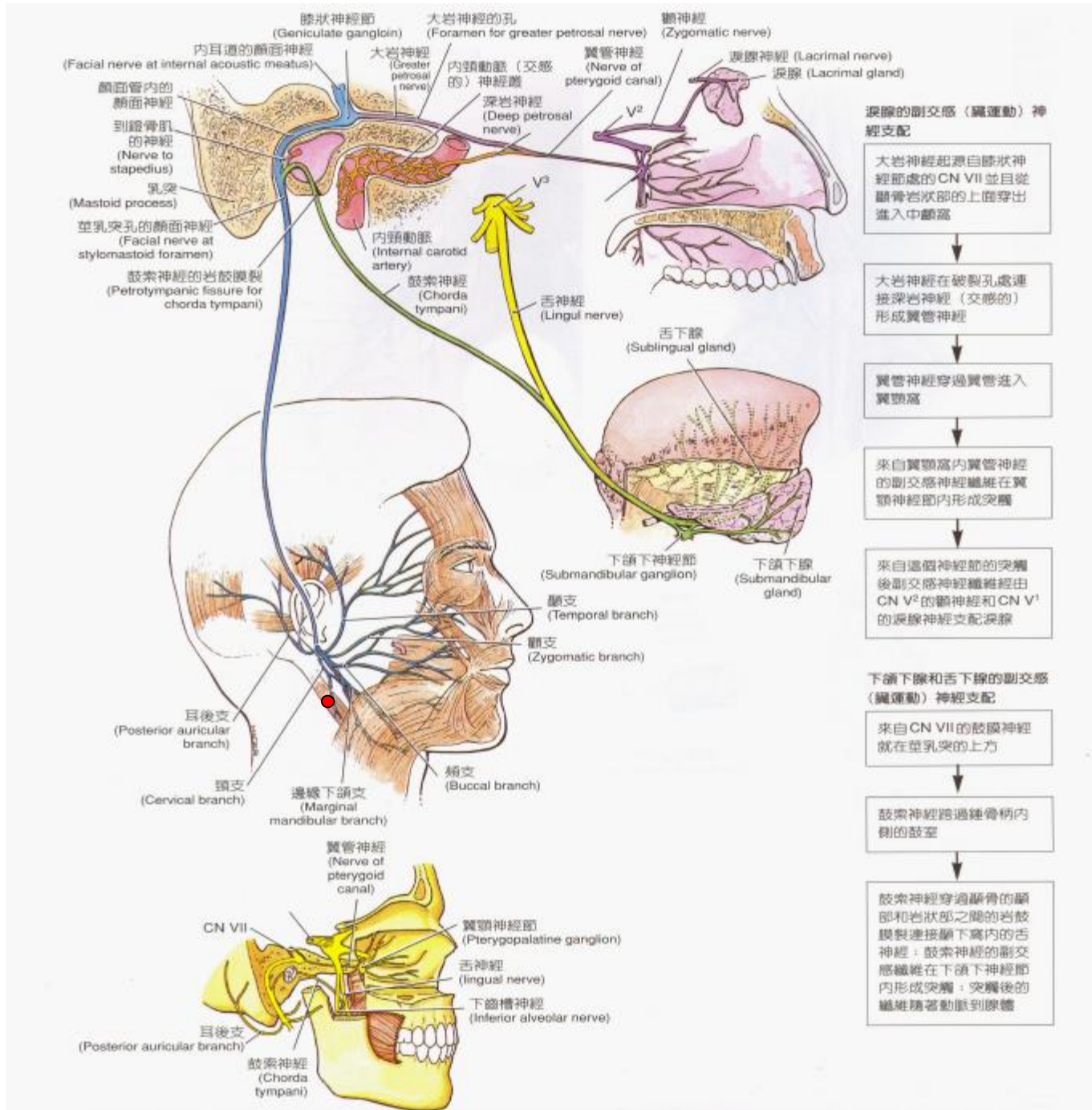
止端：舌骨體

舌骨下與舌骨上肌 (Infrahyoid and Suprahyoid Muscles)

亦見圖片47



舌骨下和舌骨上肌及其功能：簡圖

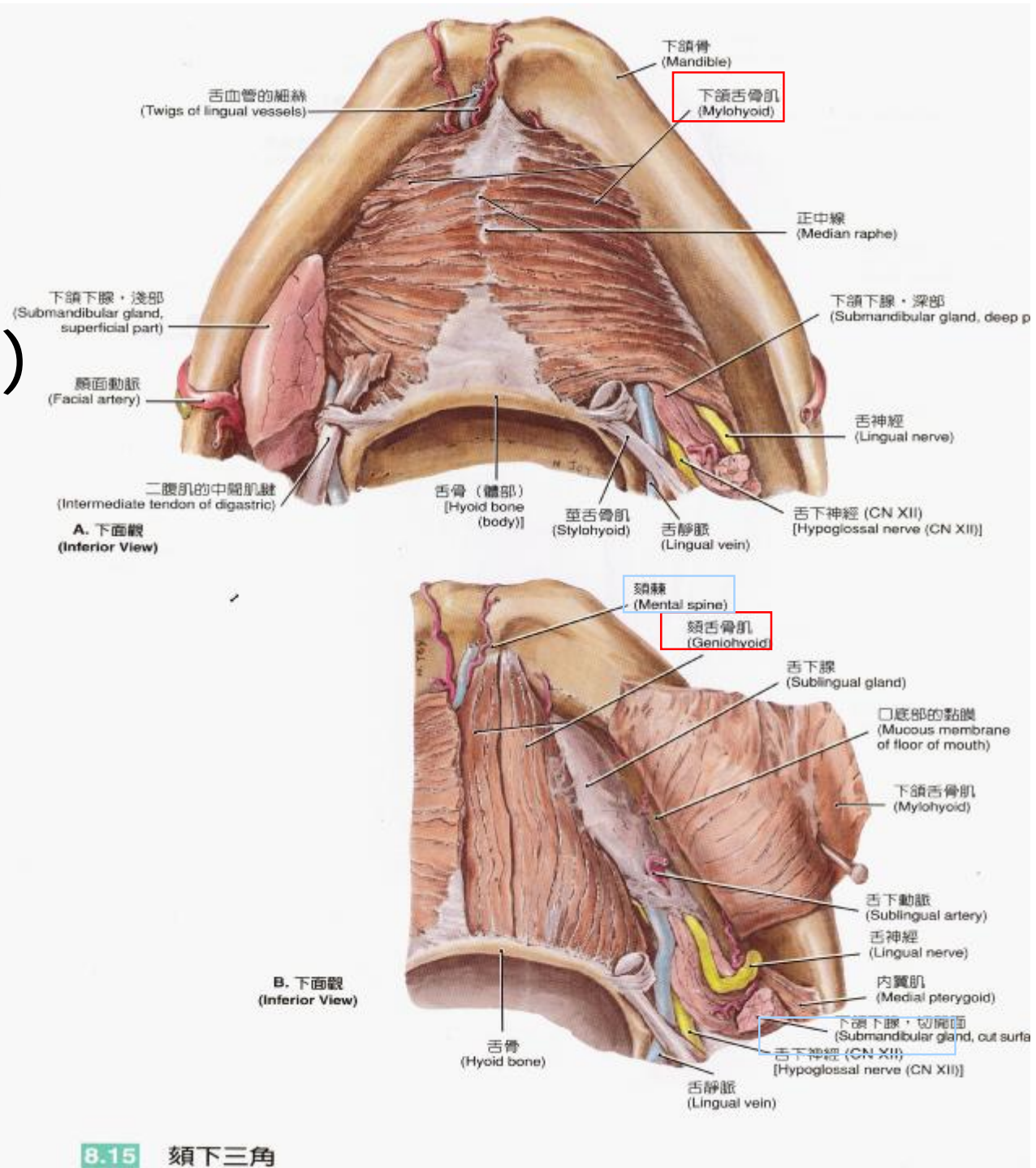


舌骨上肌

● 顏舌骨 (Geniohyoid)

起端：下頷骨 (顏棘)

止端：舌骨體

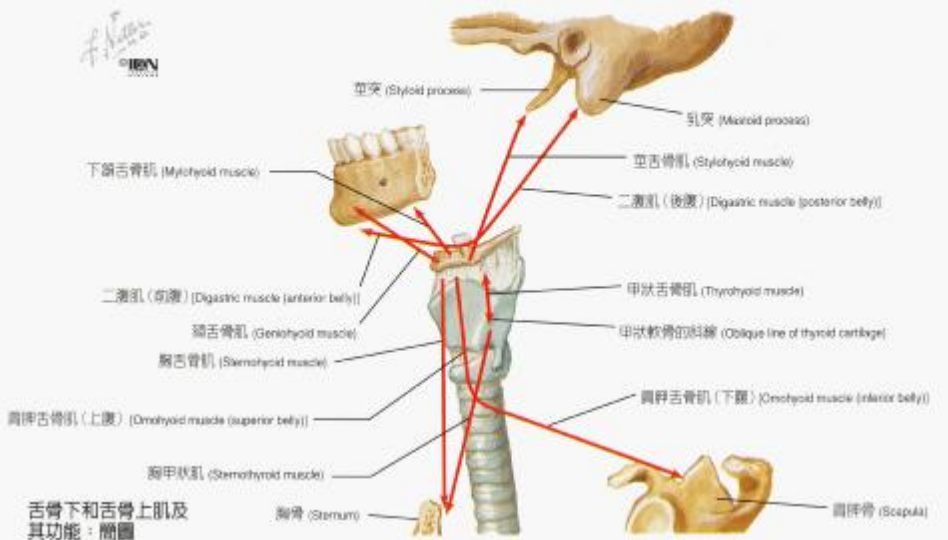
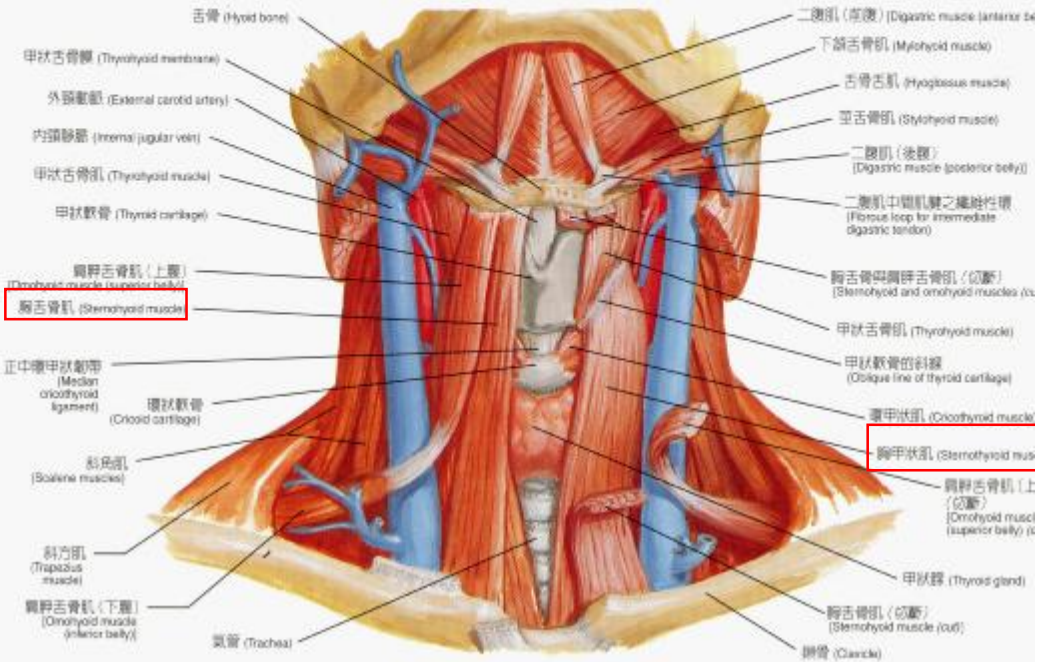


舌骨上肌

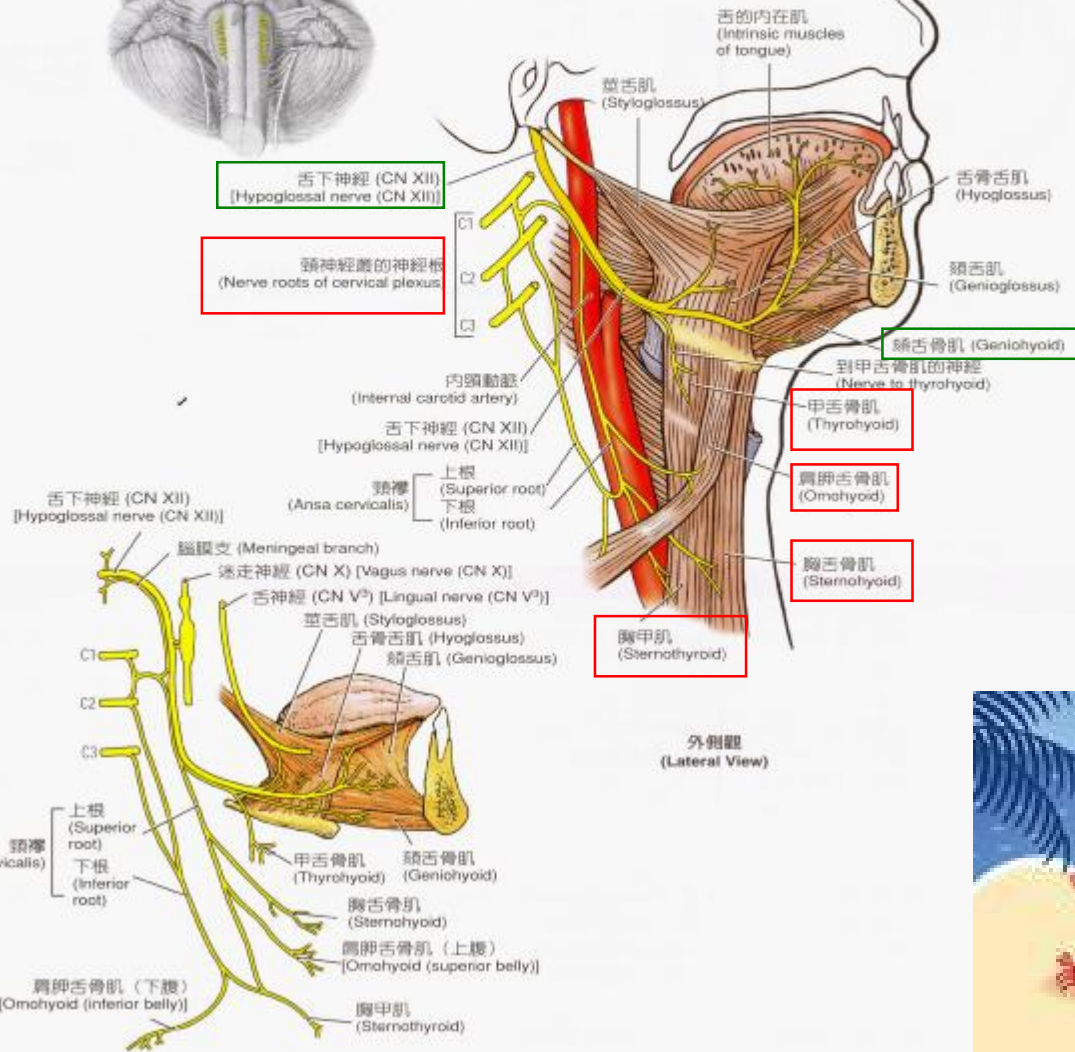
- 胸骨舌骨肌 (Sternohyoid)
起端：第一肋骨上緣，胸骨柄
止端：舌骨體
- 胸骨甲狀肌 (Sternothyroid)
起端：第一肋骨上緣，胸骨柄
止端：甲狀軟骨

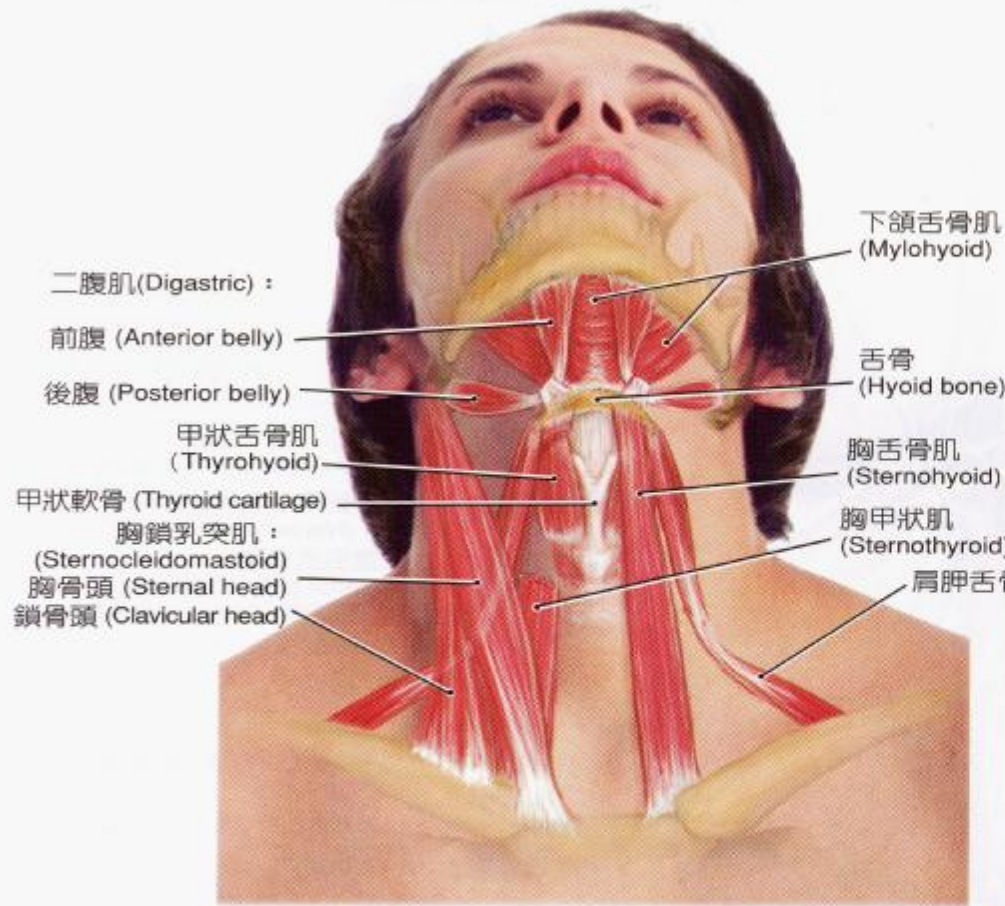
舌骨下與舌骨上肌 (Infrahyoid and Suprahyoid Muscles)

亦見圖片47

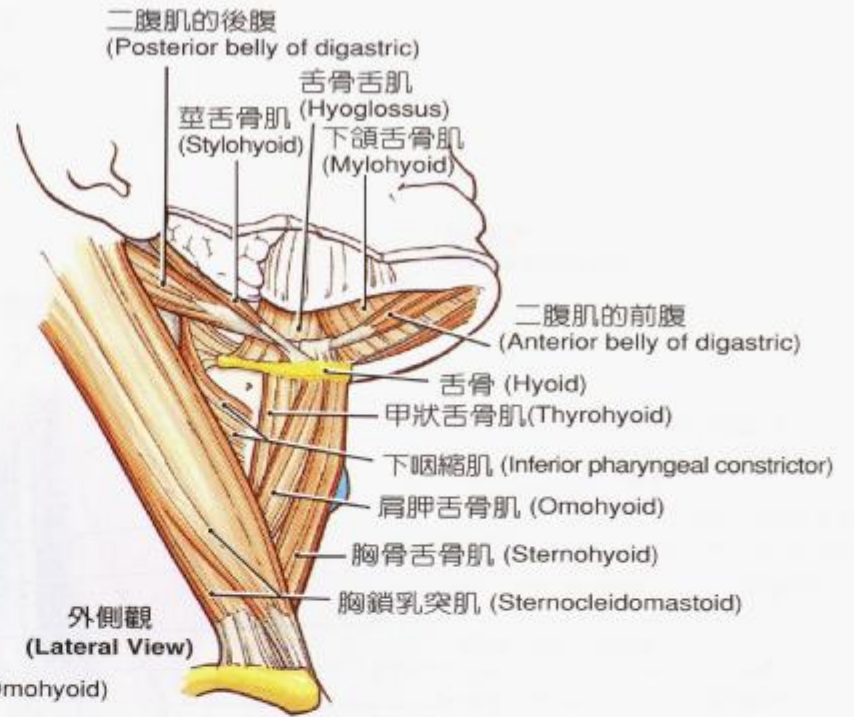


腦神經 XII : 舌下神經

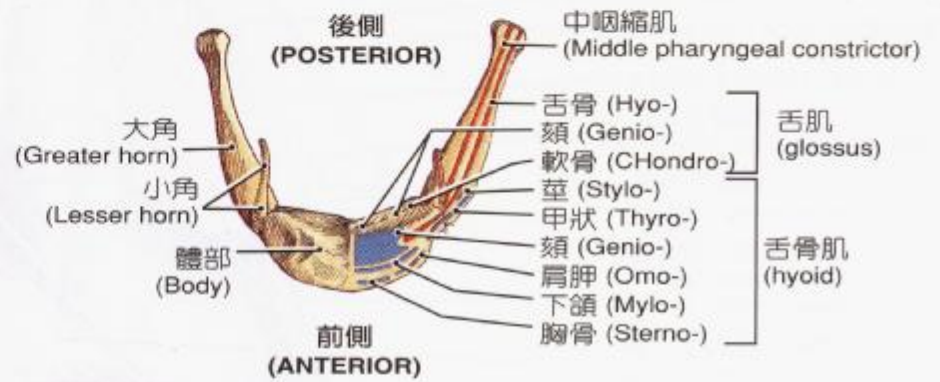




前面觀，已伸展的頭部和頸部
(Anterior View, Head and Neck Extended)



外側觀
(Lateral View)



舌骨，上面觀
(Hyoid Bone, Superior View)

喉的內在肌

● 環甲肌 (Cricothyroid)

起端：環狀軟骨

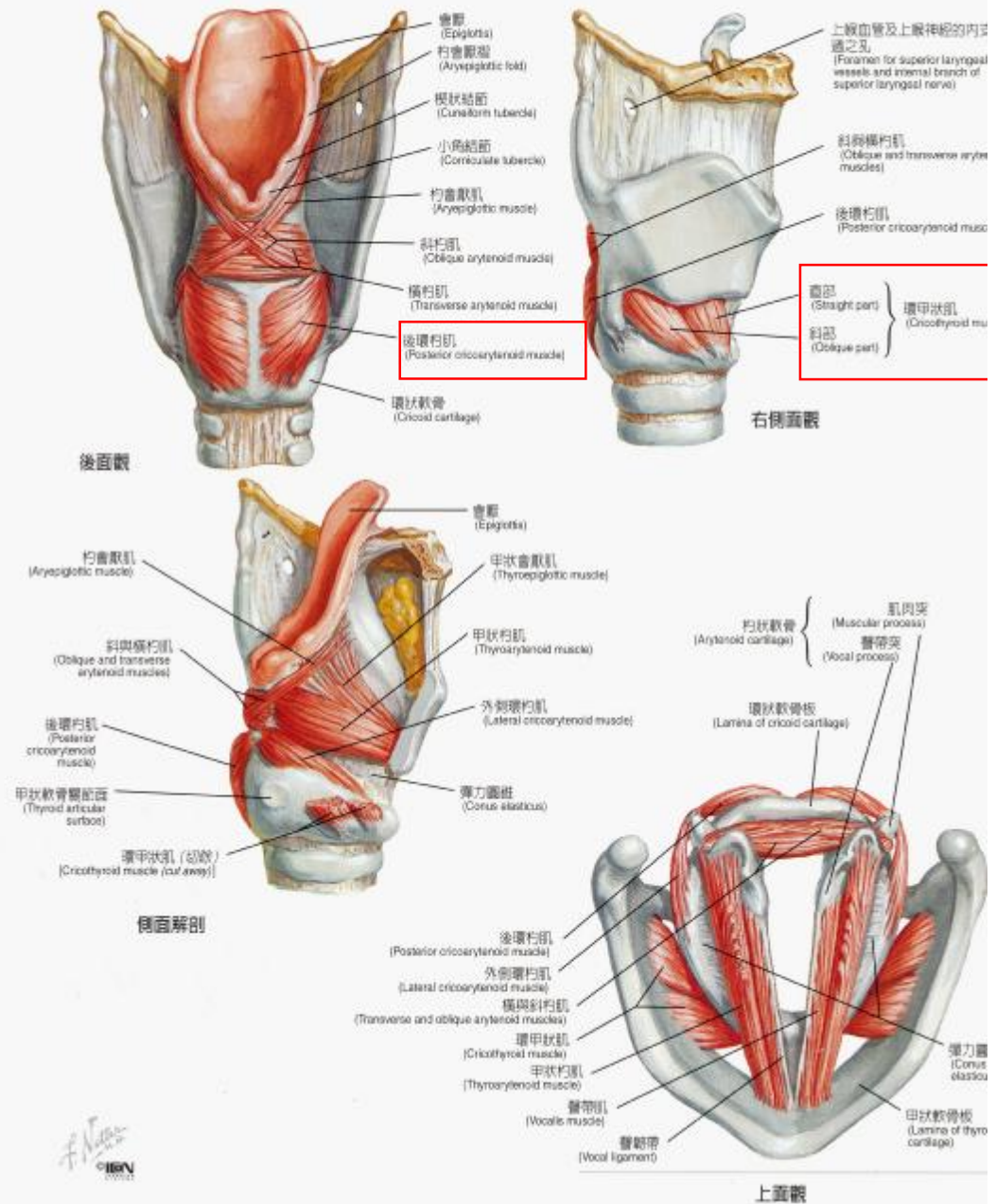
止端：甲狀軟骨

● 環杓後肌 (Posterior cricoarytenoid)

起端：環狀軟骨

止端：杓狀軟骨

喉部的內在肌 (Intrinsic Muscles of Larynx)



喉的內在肌

● 環杓側肌 (Lateral cricoarytenoid)

起端：環狀軟骨

止端：杓狀軟骨

● 杓肌 (Arytenoid)

起端：杓狀軟骨

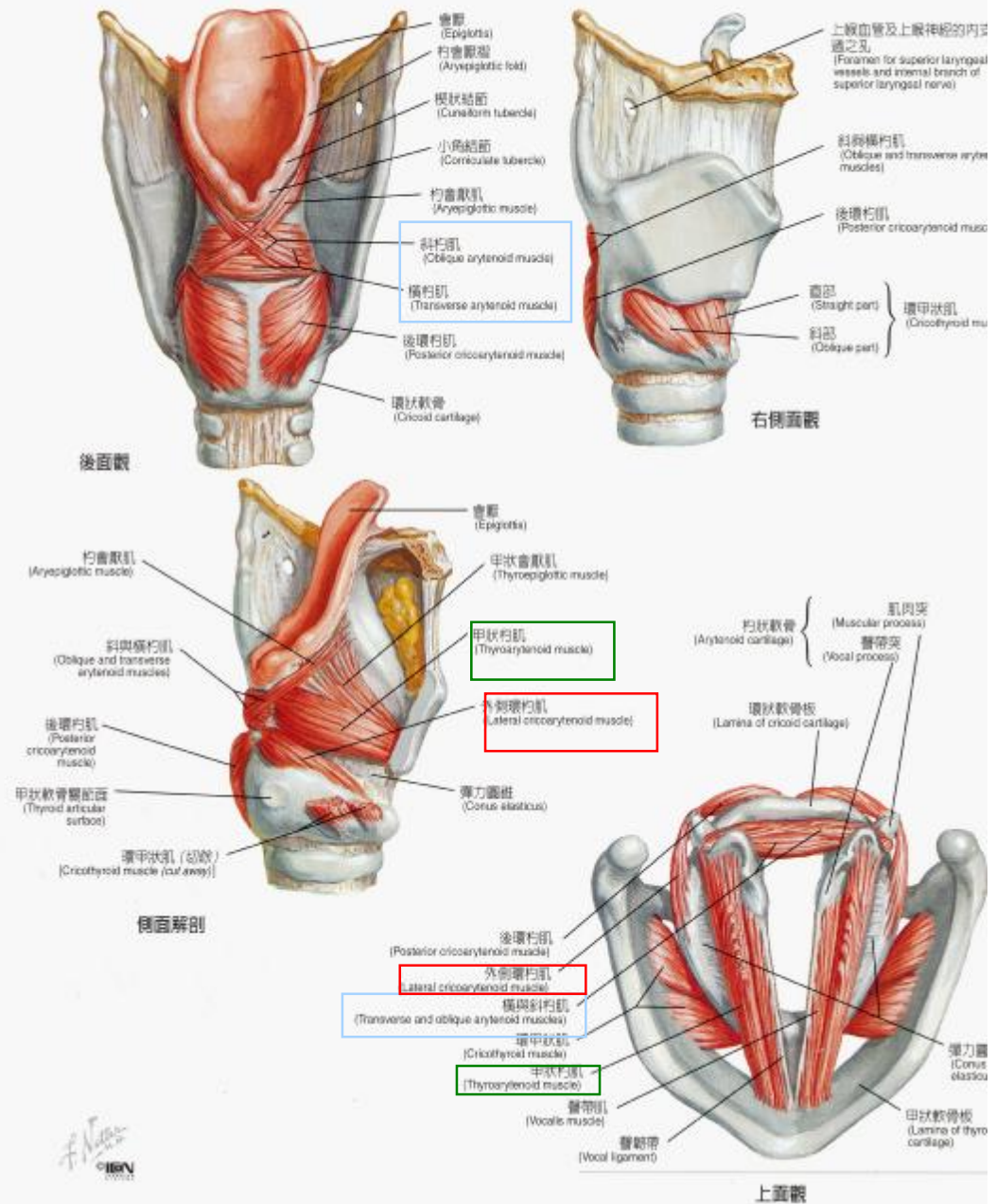
止端：杓狀軟骨

● 甲杓肌 (Thyroarytenoid)

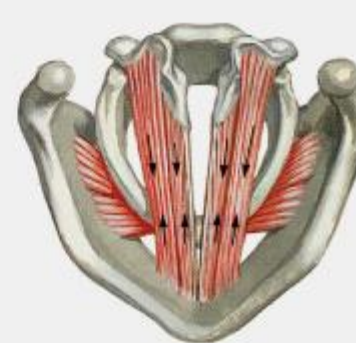
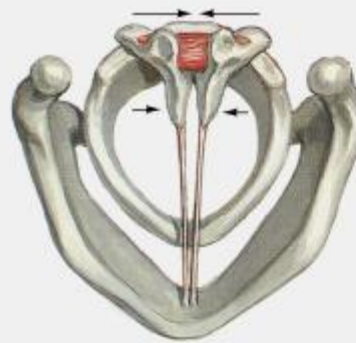
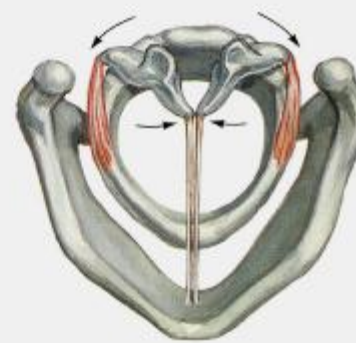
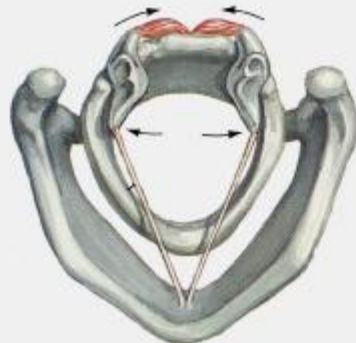
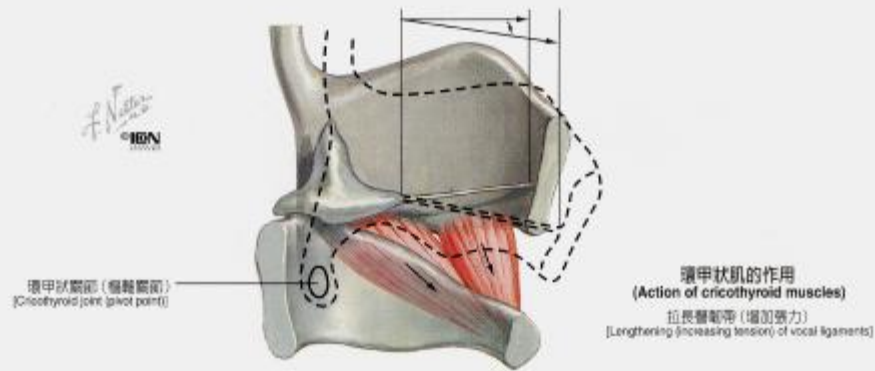
起端：甲狀軟骨

止端：杓狀軟骨

喉部的內在肌 (Intrinsic Muscles of Larynx)

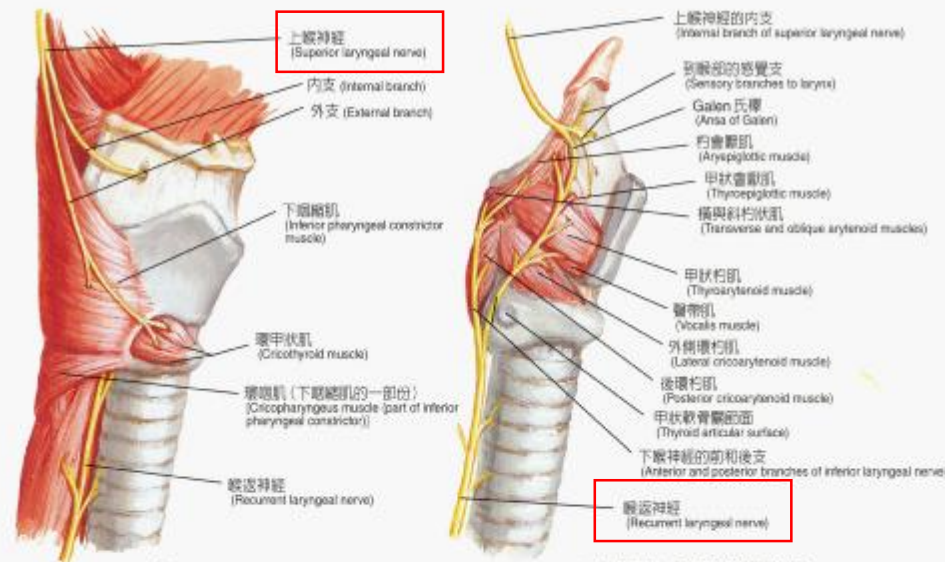


喉部内在肌的作用 (Action of Intrinsic Muscles of Larynx)



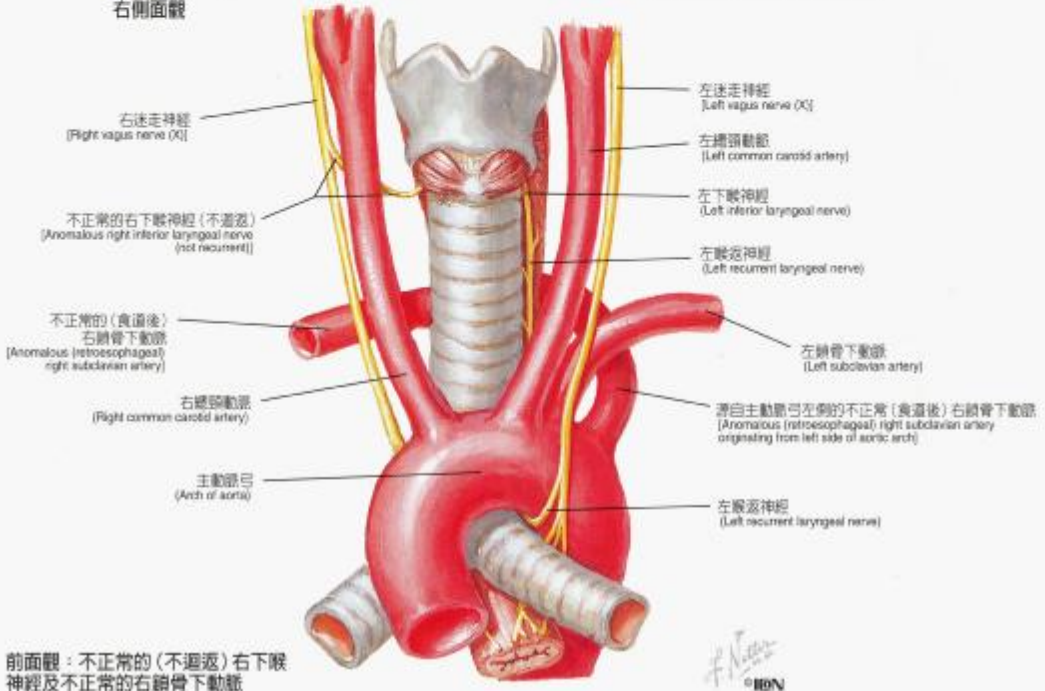
喉部的神經 (Nerves of Larynx)

亦見圖片 68, 69, 70, 223



右側面觀

右側面觀：移除甲狀軟骨板



前面觀：不正常的（不迴返）右下喉神經及不正常的右鎖骨下動脈



移動頭部的肌肉

- 頸部肌肉

 - 椎前肌

 - 椎外側肌

- 部份背部肌肉



椎前面肌肉

● 頸長肌 (Longus colli)

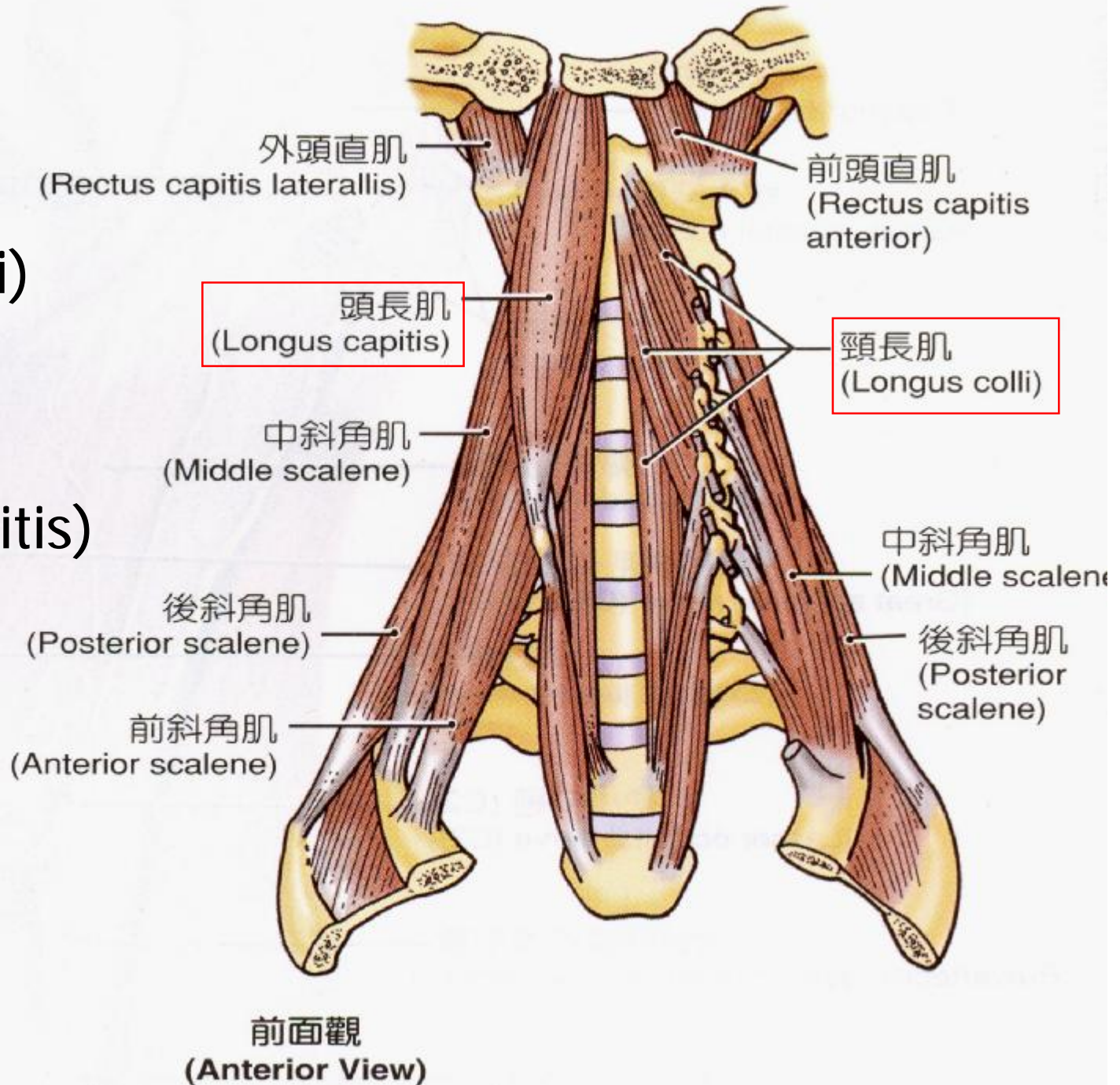
上端：C1-C6

下端：C3-T1

● 頭長肌 (Longus capitis)

上端：枕骨基部

下端：C3-C6



椎前面肌肉

● 前頭直肌

(Rectus capitis anterior)

上端：枕骨基部

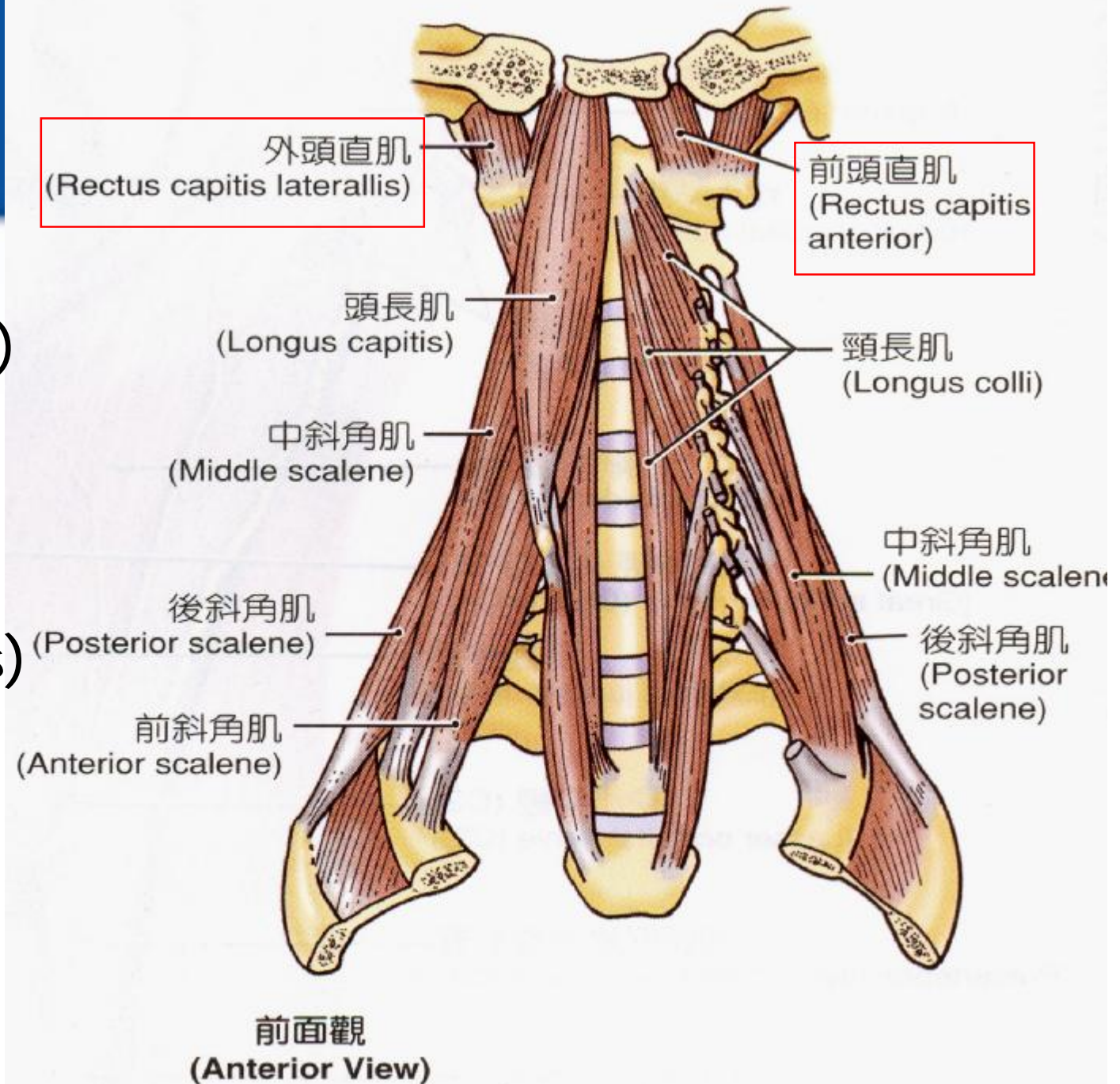
下端：C1

● 外頭直肌

(Rectus capitis laterallis)

上端：枕骨基部

下端：C1



椎外側肌肉

- 前斜角肌 (Anterior scalene)

上端：C4-C6

下端：第一肋骨

- 中斜角肌 (middle scalene)

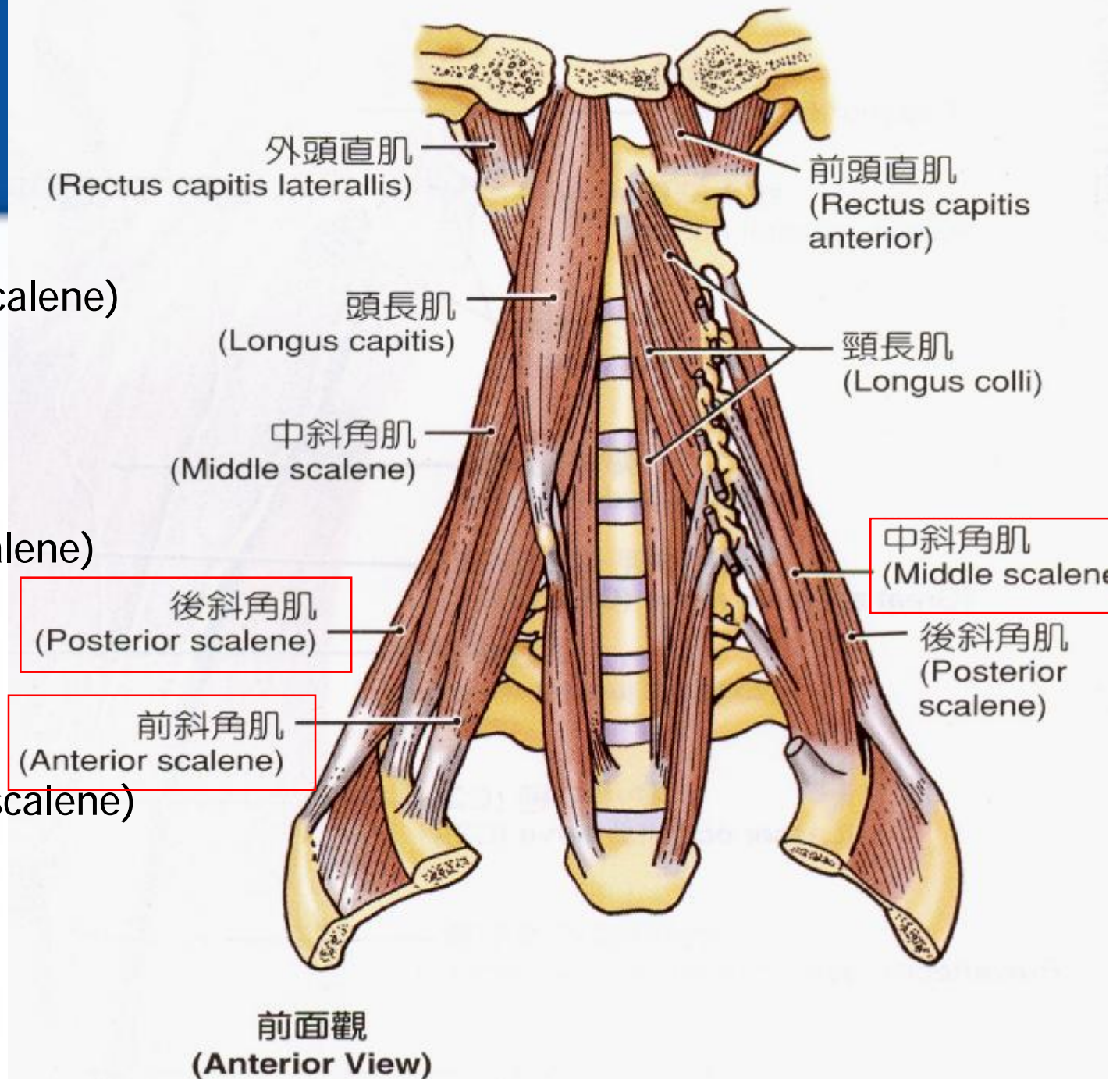
上端：C2-C7

下端：第一肋骨

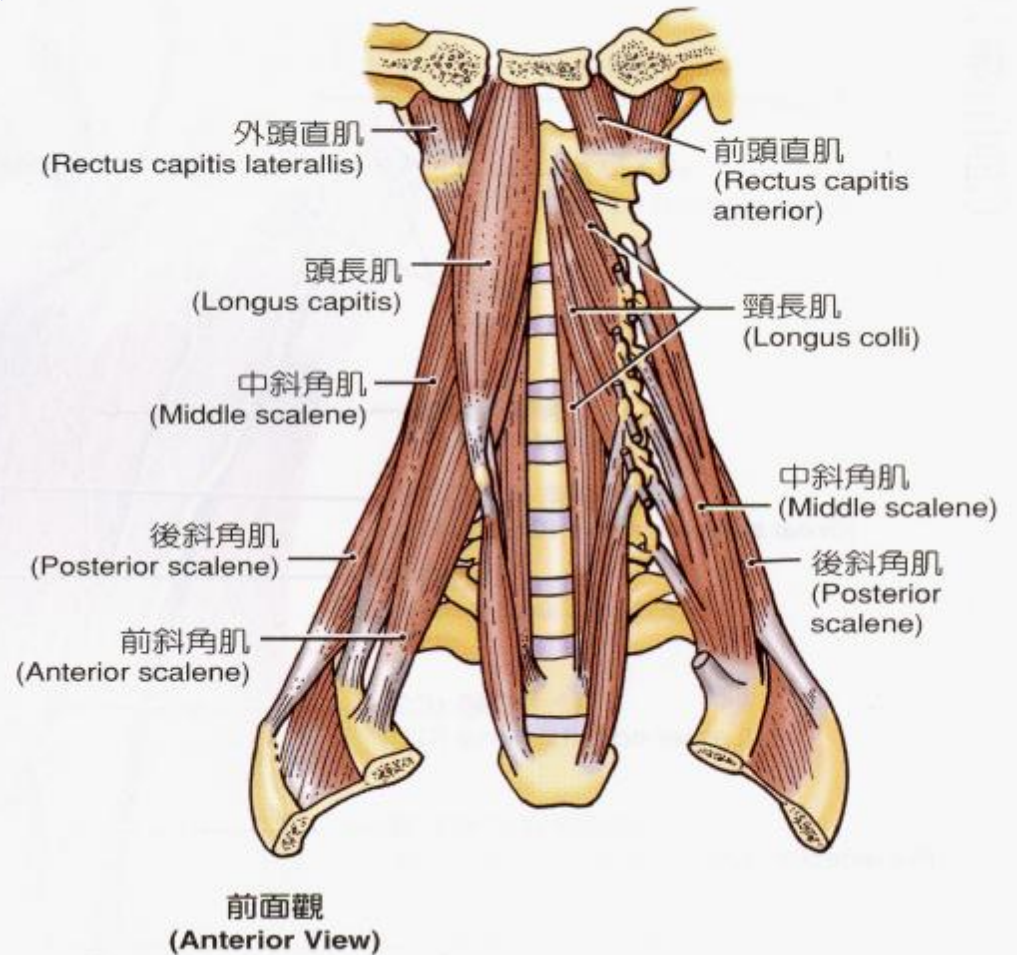
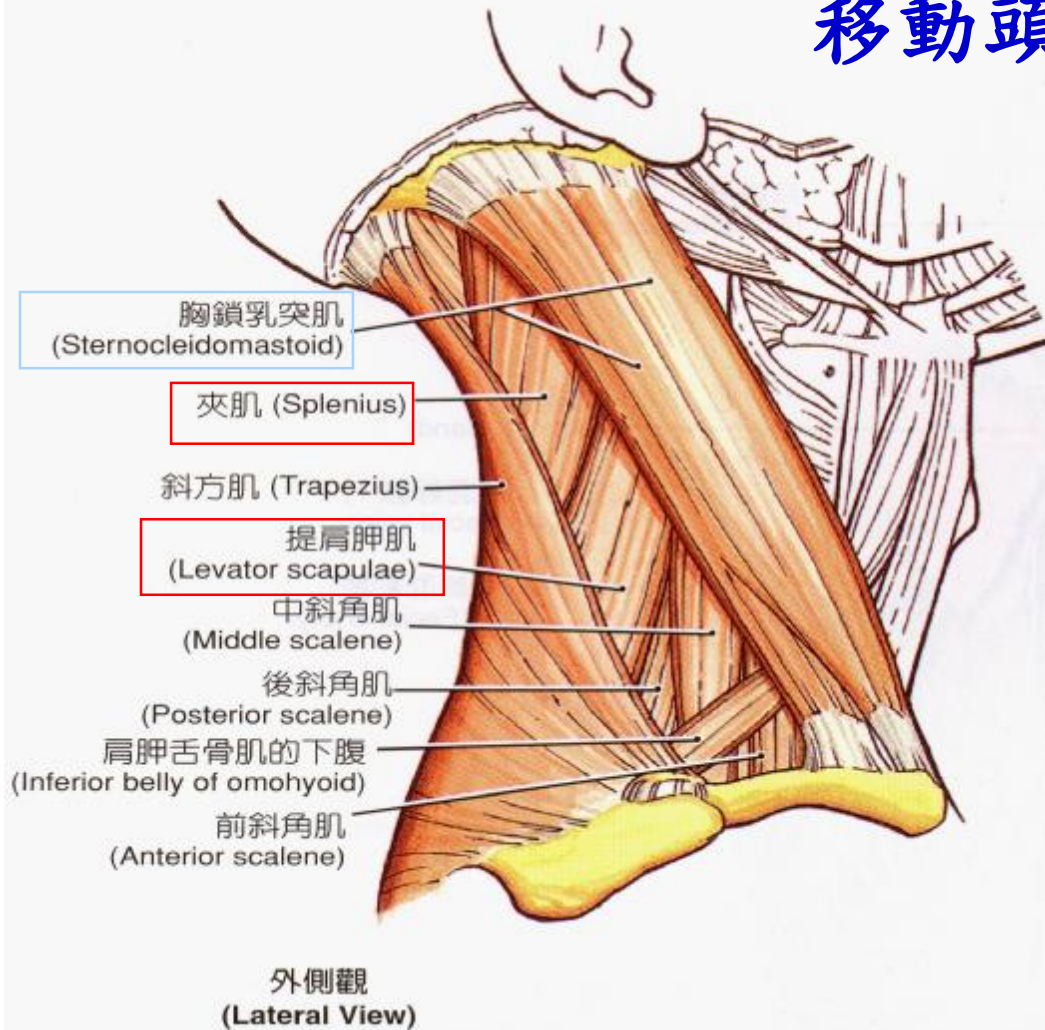
- 後斜角肌 (Posterior scalene)

上端：C4-C6

下端：第二肋骨



移動頭部的肌肉



● 頭夾肌 (Splenius)

上端 - 枕骨、顳骨乳突

下端：T1-T6棘突

● 提肩胛肌 (Levator scapulae)

上端 - C1-C4

下端：肩胛骨

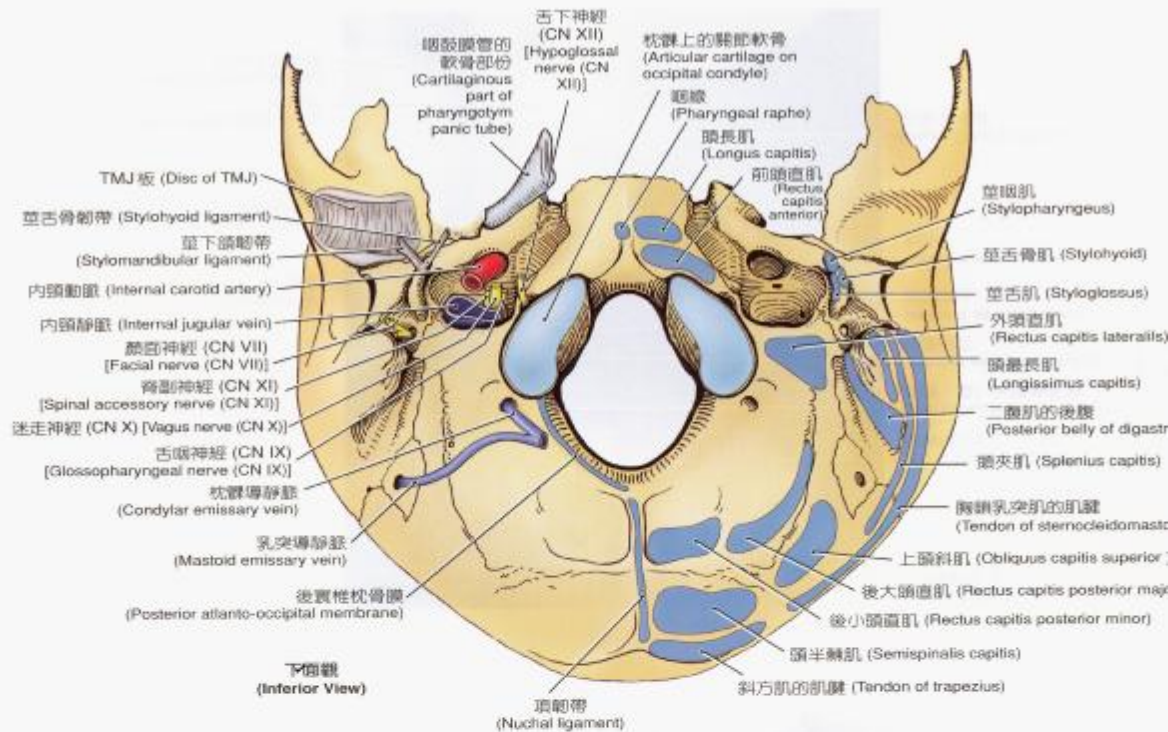
移動頭部的肌肉

● 胸鎖乳突肌 (Sternocleidomastoid)

上端：顳骨乳突

下端：胸骨及鎖骨

● 神經支配：頸部脊神經



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