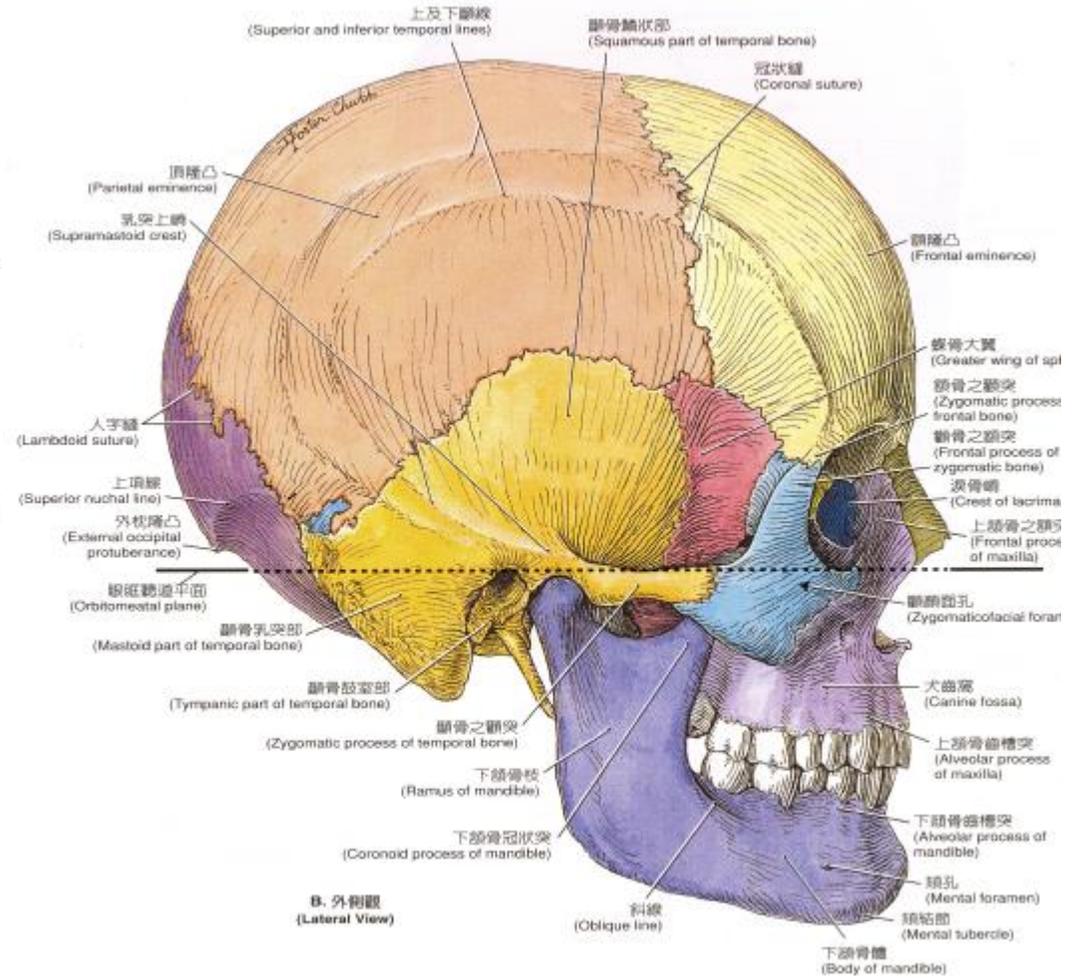
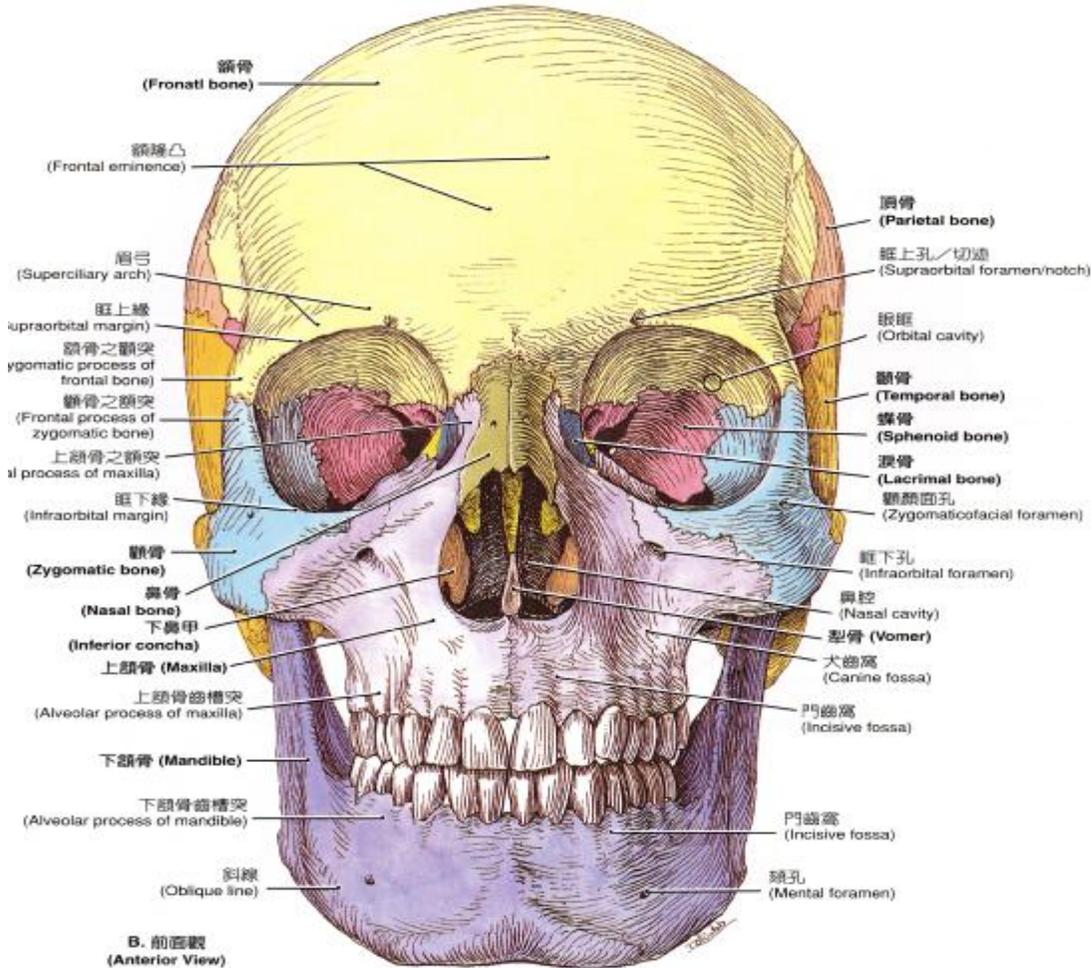




# 顏面骨 (Facial bones)



# 顏面骨 (Facial bone)



# 顏面骨 (Facial bone)



## ● 顏面骨由

● 鼻骨 (2塊)

● 上頷骨 (2塊)

● 顴骨 (2塊)

● 下頷骨 (1塊)

● 淚骨 (2塊)

● 腭骨 (2塊)

● 犁骨 (1塊)

● 下鼻甲 (2塊)

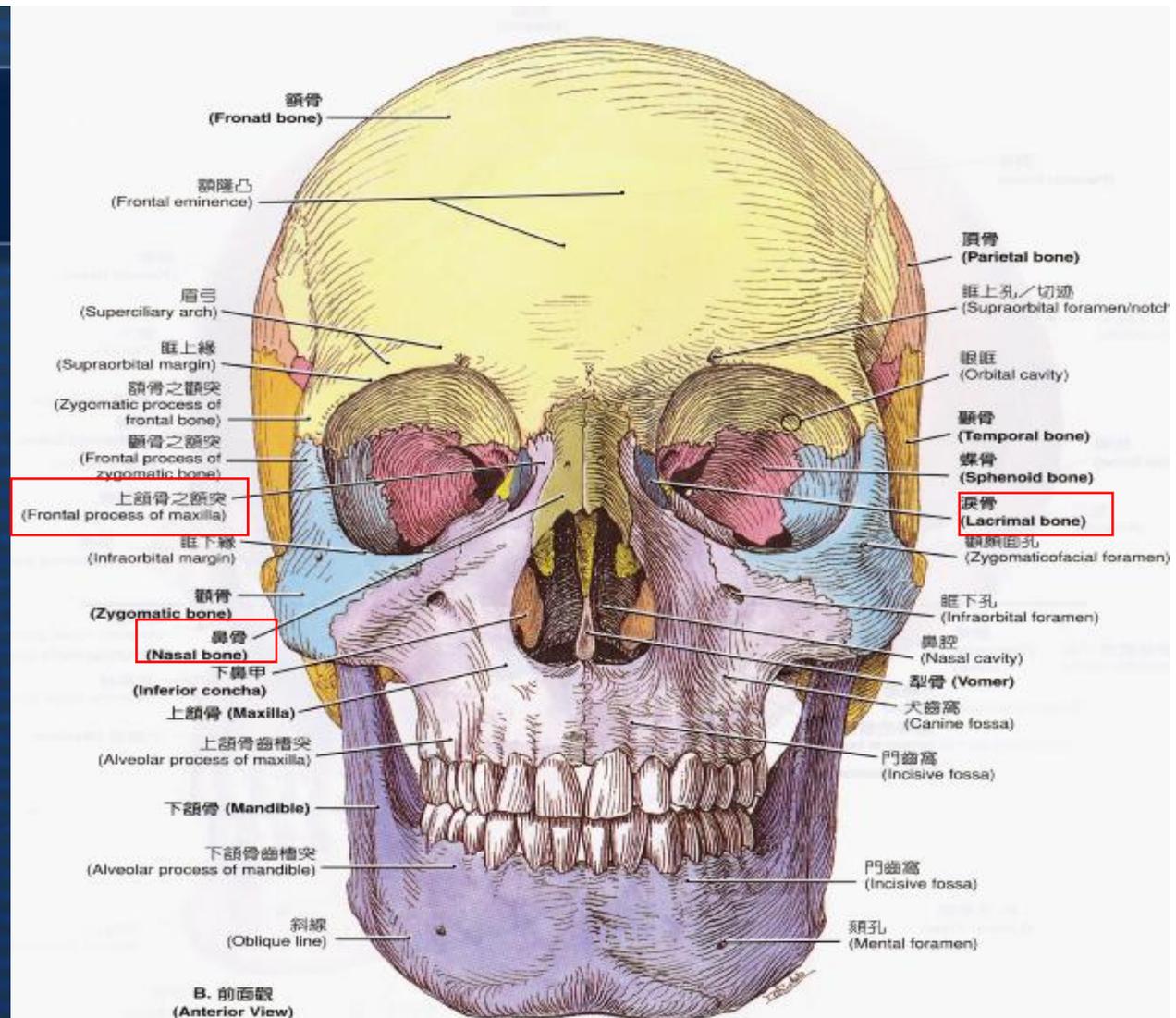
à 八種共十四塊骨頭組成。



# 顏面骨 (Facial bone)

## ● 額突 (frontal process)

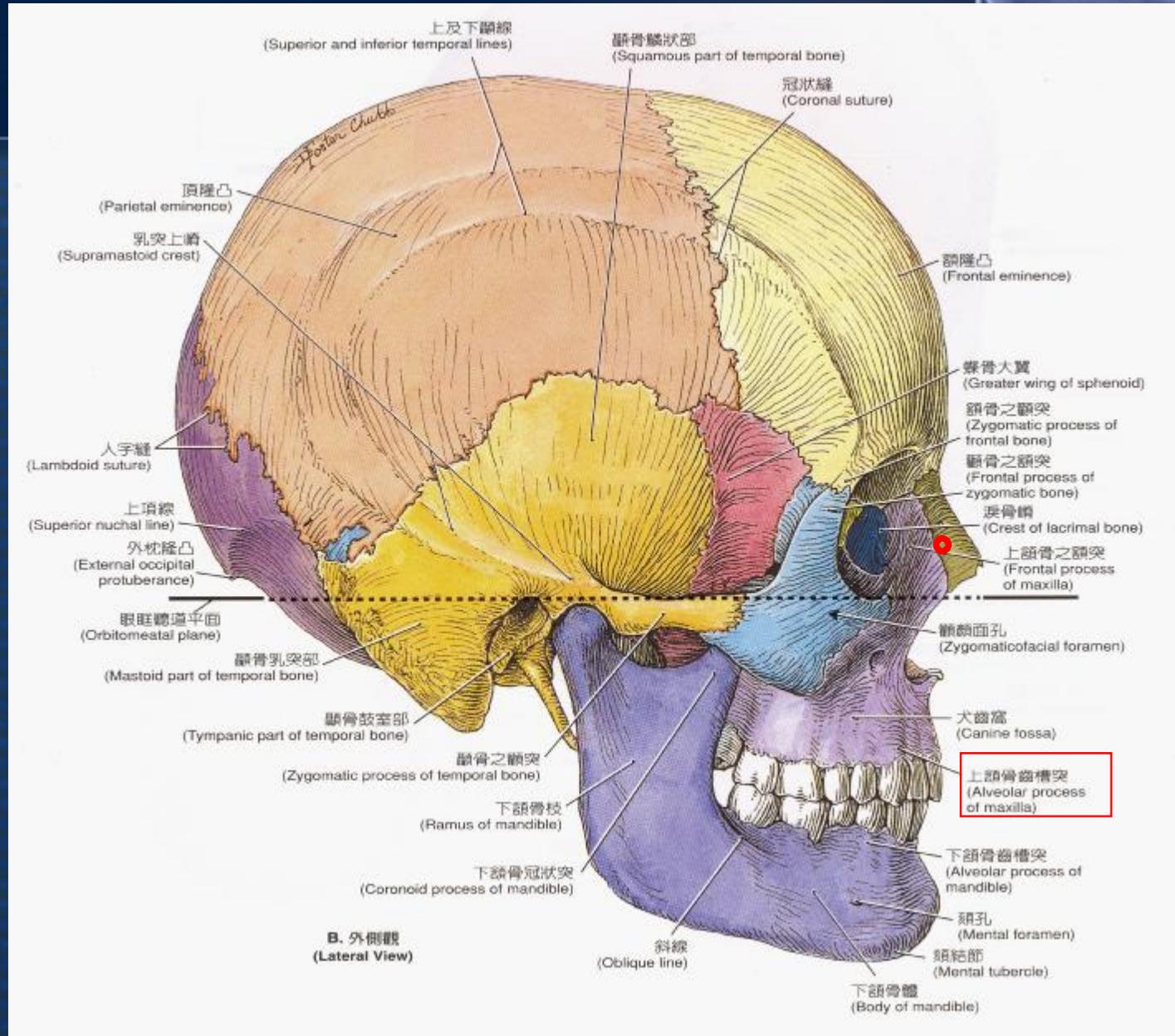
與額骨、鼻骨及淚骨相接並構成眼眶底部。



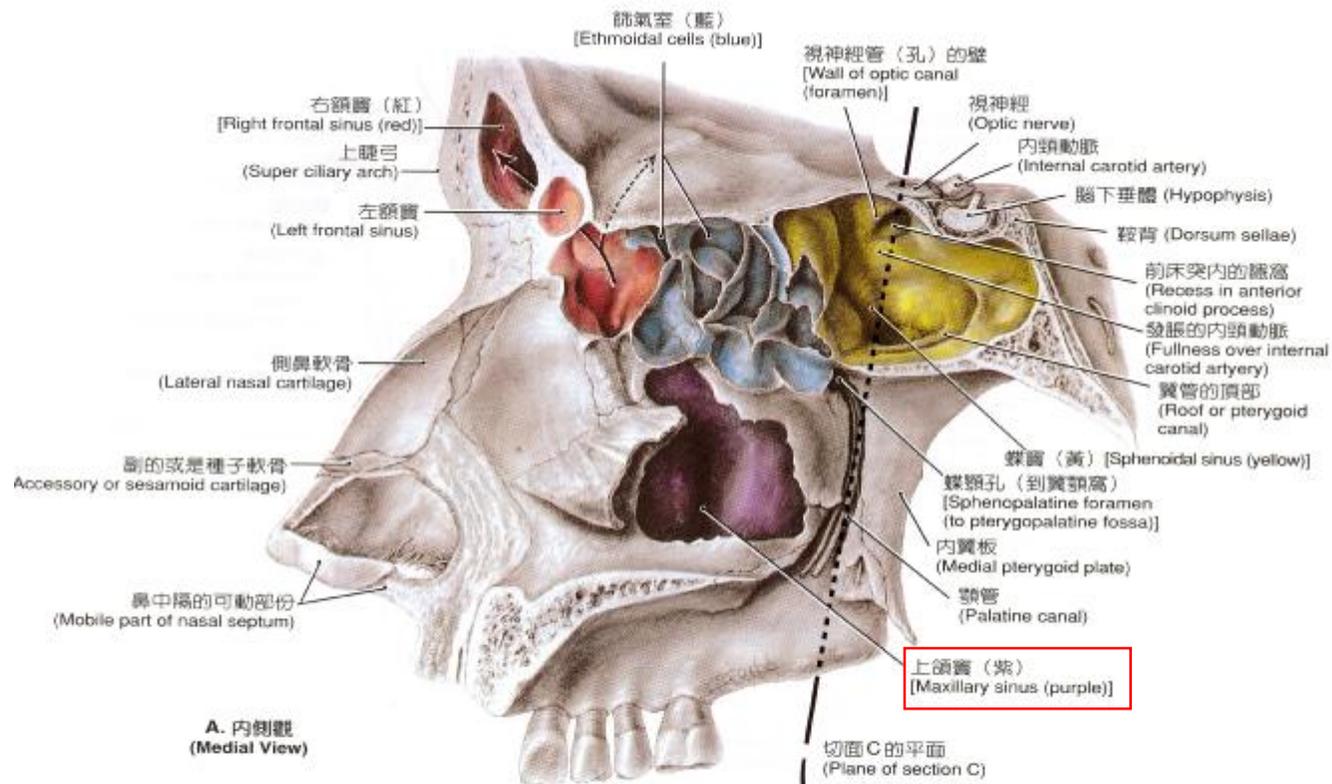
7.1 顳骨，顏面（額面）觀（續上頁）

# 顏面骨 (Facial bone)

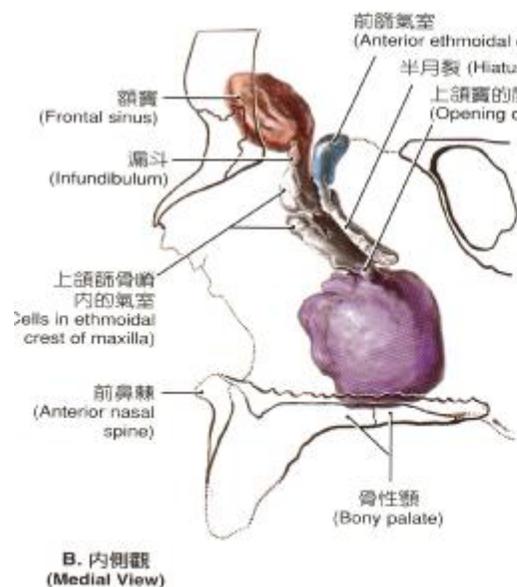
● 顴突 (zygomatic process) 與顴骨相連



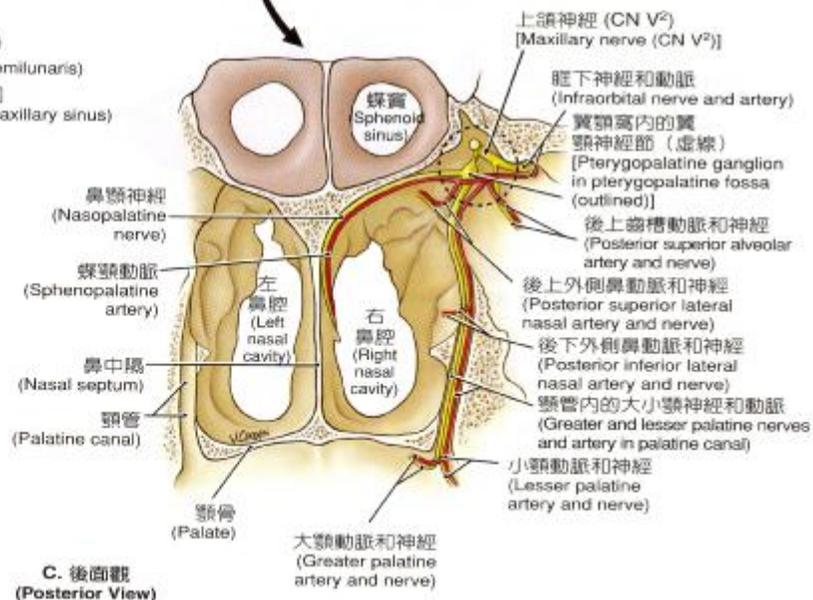
# 顏面骨 (Facial bone) -副鼻竇



A. 內側觀  
(Medial View)



B. 內側觀  
(Medial View)

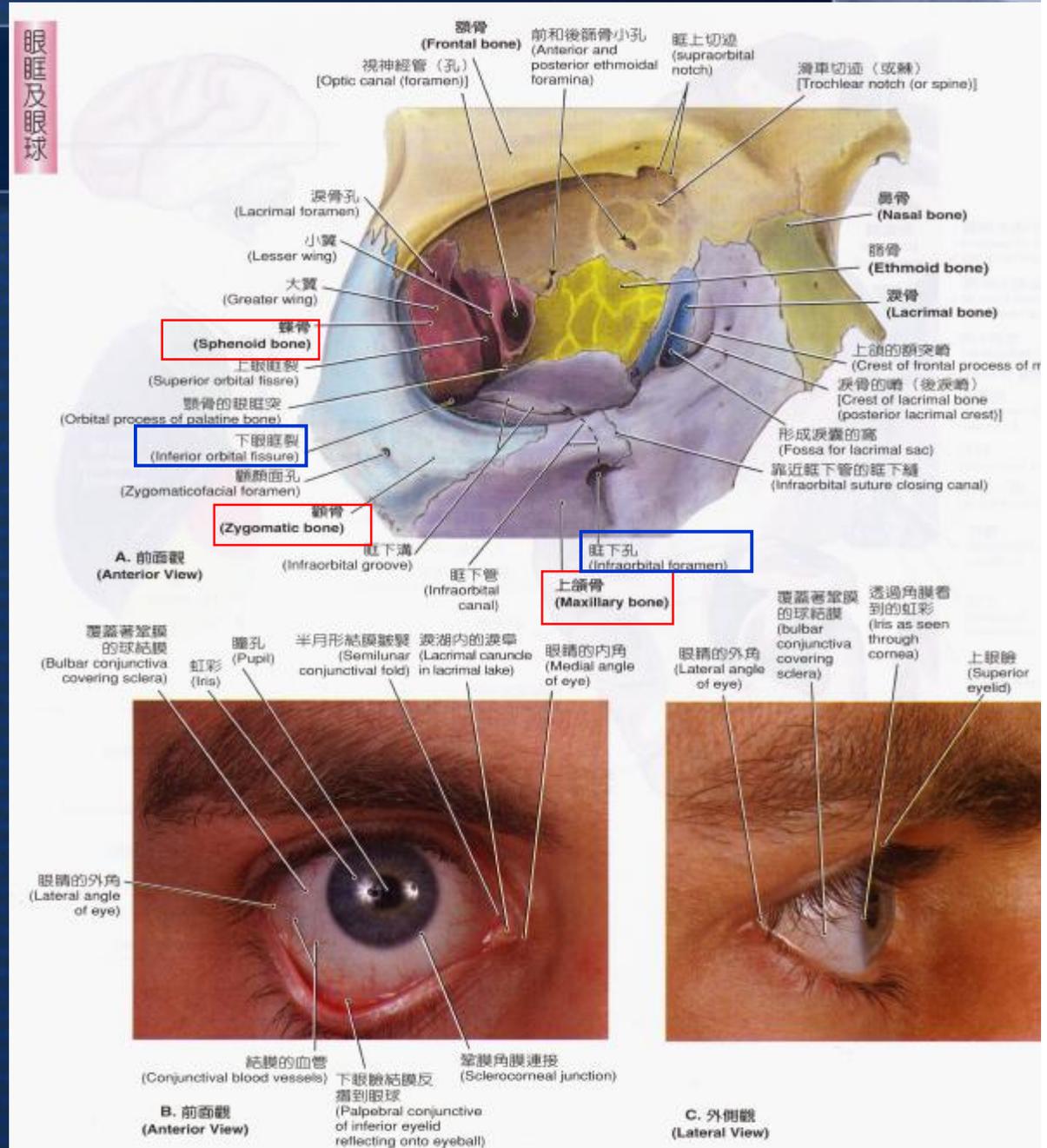


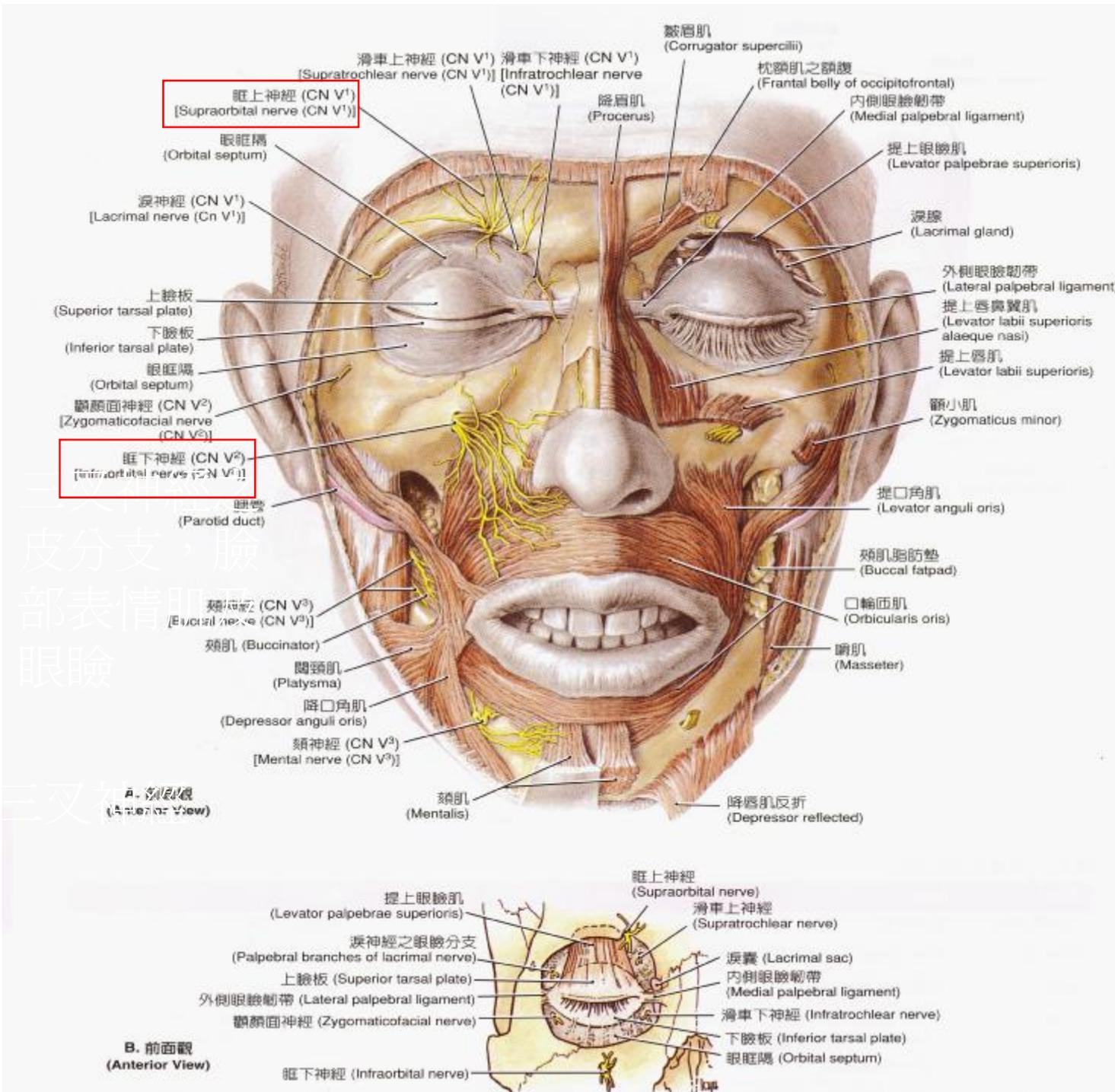
C. 後面觀  
(Posterior View)



# 顏面骨 (Facial bone)

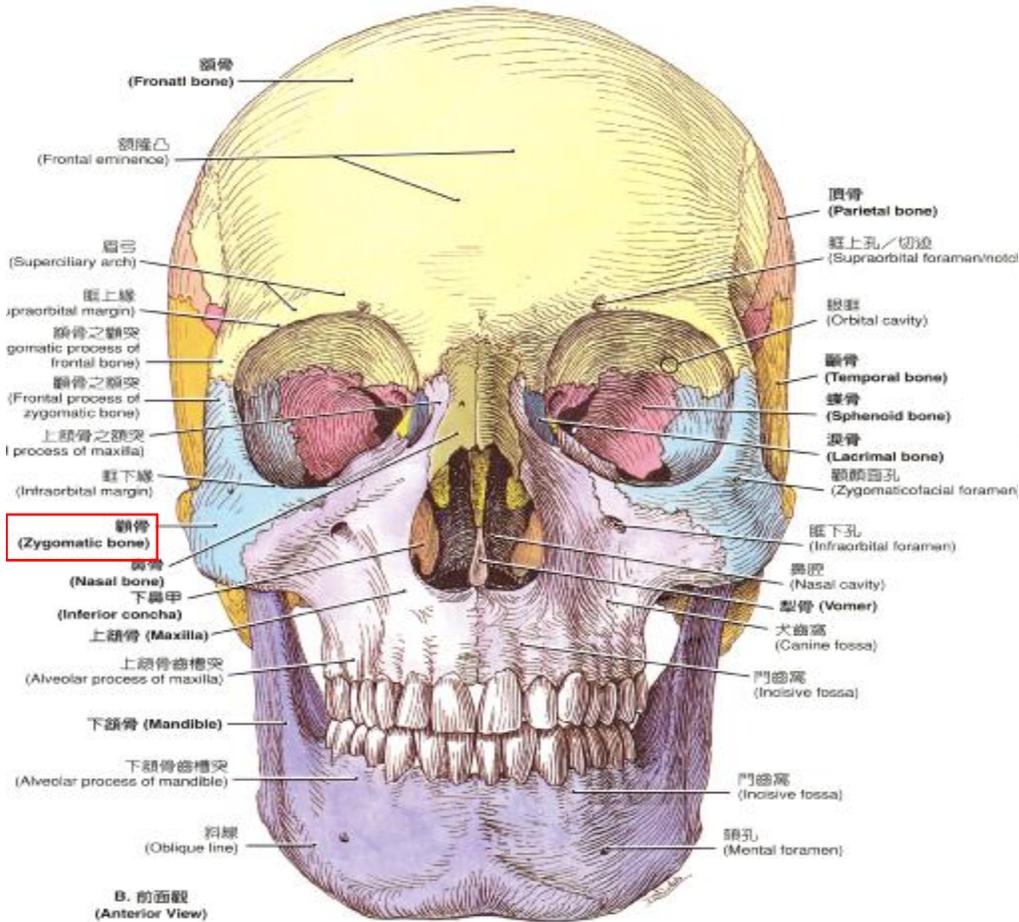
- 上頷骨與蝶骨大翼、顴骨形成眶下裂。
- 眶下裂 (inferior orbital fissure) : 三叉神經上頷枝穿過蝶骨圓孔往前走入眶下裂內。
- 眶下孔 (infraorbital foramen) : 眶下神經



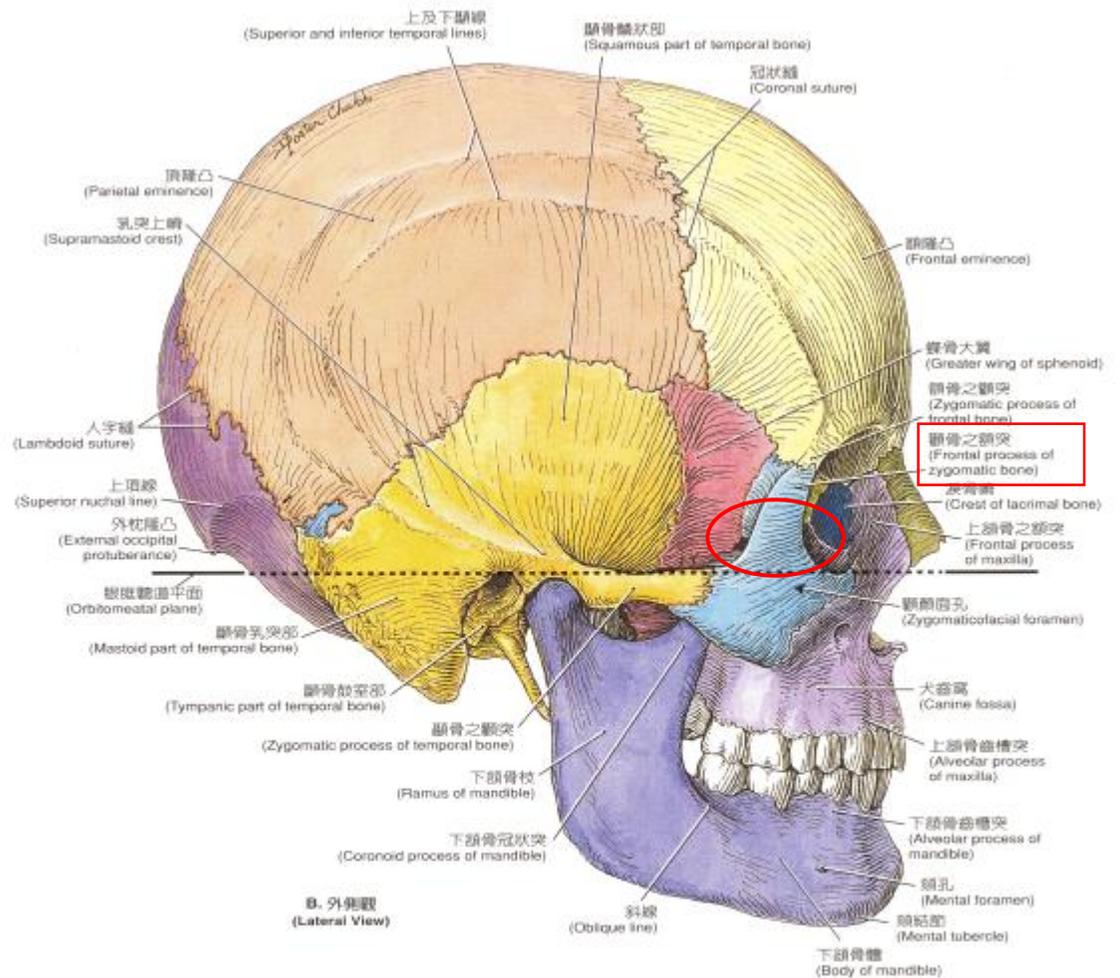


#三叉神經之皮分支，臉部表情及眼瞼

# 顏面骨 (Facial bone)



7.1 顴骨・顏面 (額面) 觀 (續上頁)



7.2 顴骨・外側觀 (續上頁)

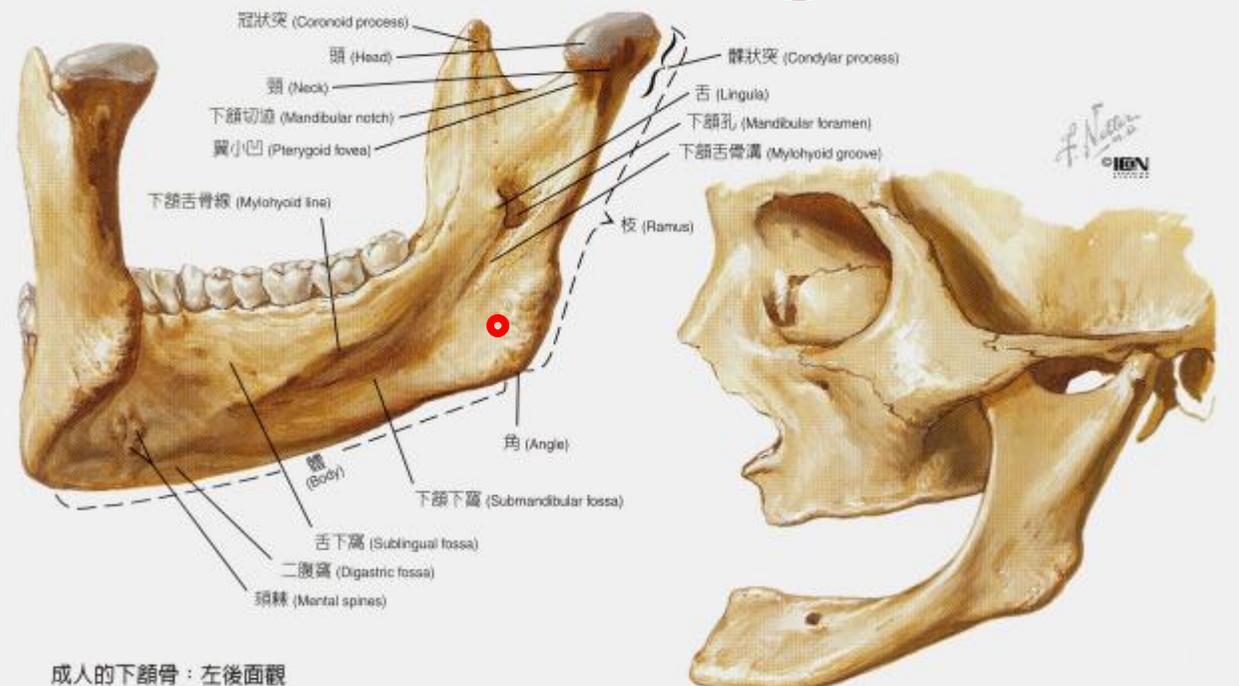
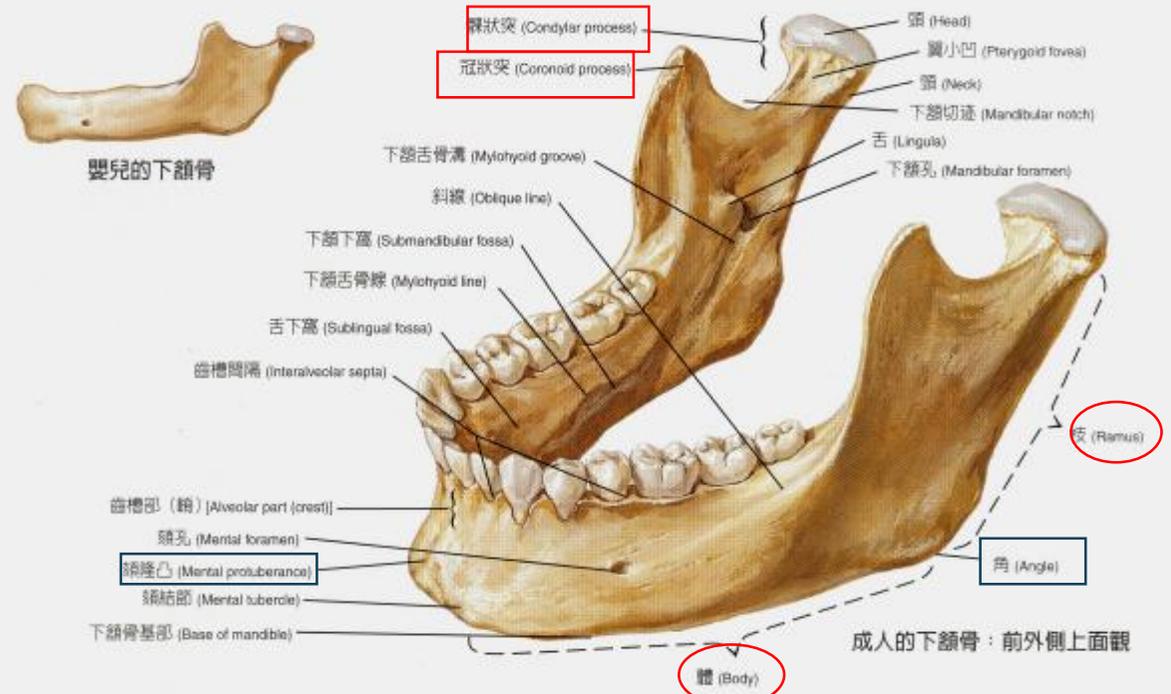
# 顏面骨 (Facial bone)

## 下頷骨 (mandible)

### 1. 下頷骨本體部

### 2. 下頷枝 (ramus)

### 翼肌粗隆



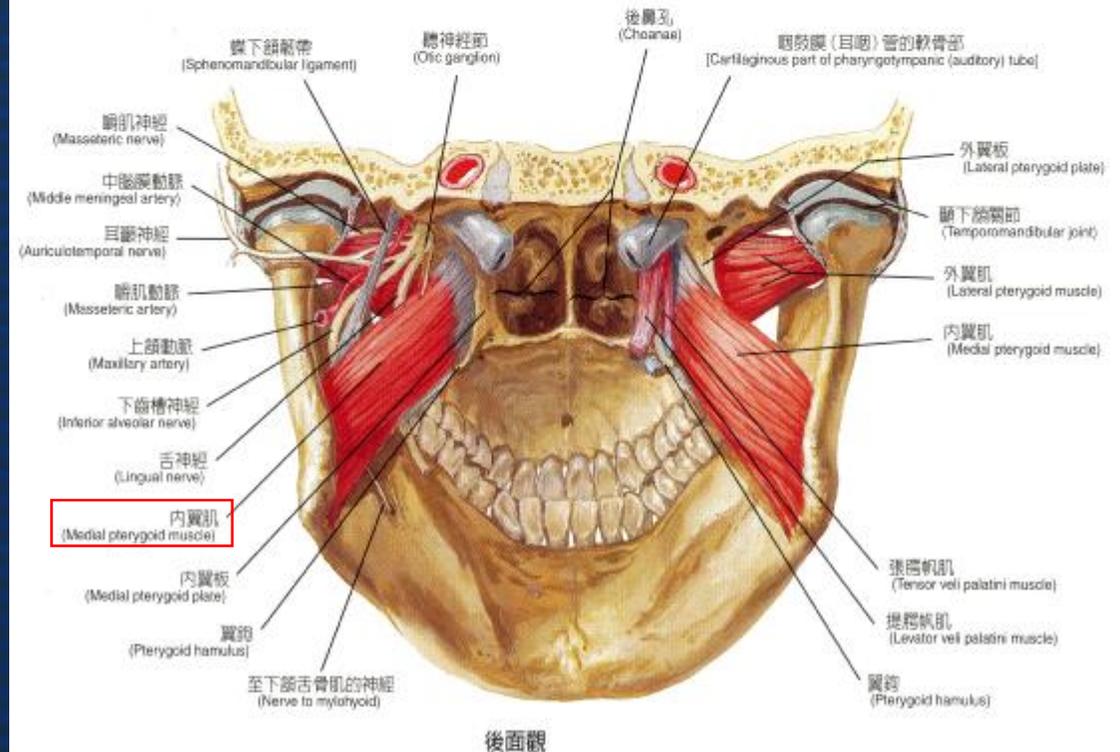
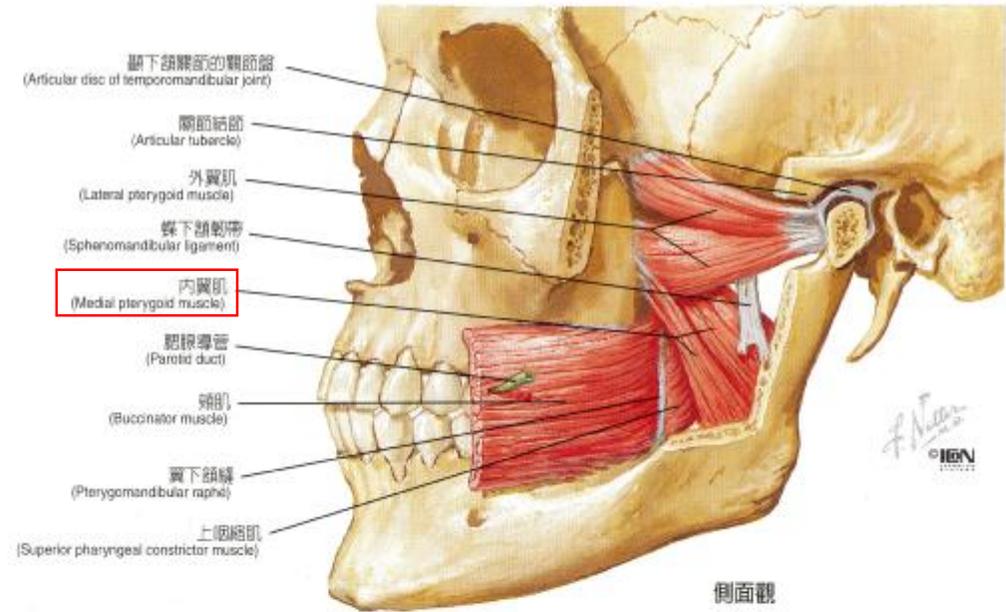
成人的下頷骨：左後面觀

老年人的下頷骨 (無牙)

# 顏面骨 (Facial bone)

● 下頷角 (mandibular angle), 其內側的粗糙面是翼肌粗隆 (pterygoid tuberosity)

--- 內翼肌附著處



# 顏面骨 (Facial bone)

## 體的內面

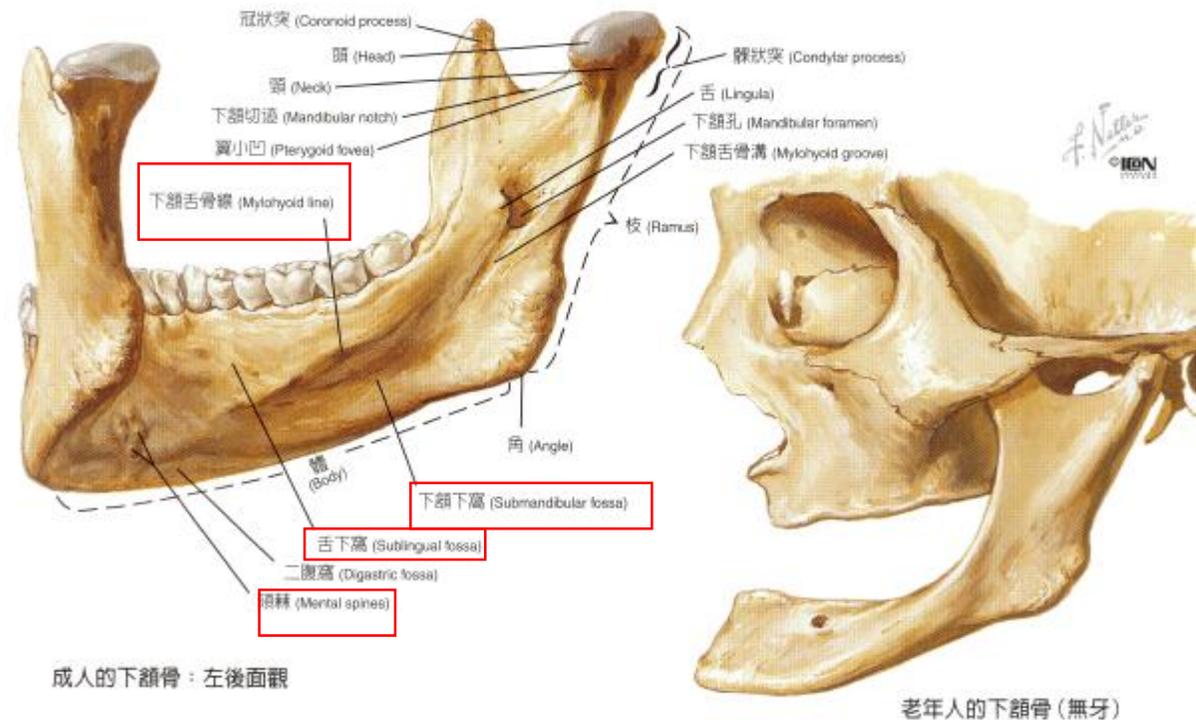
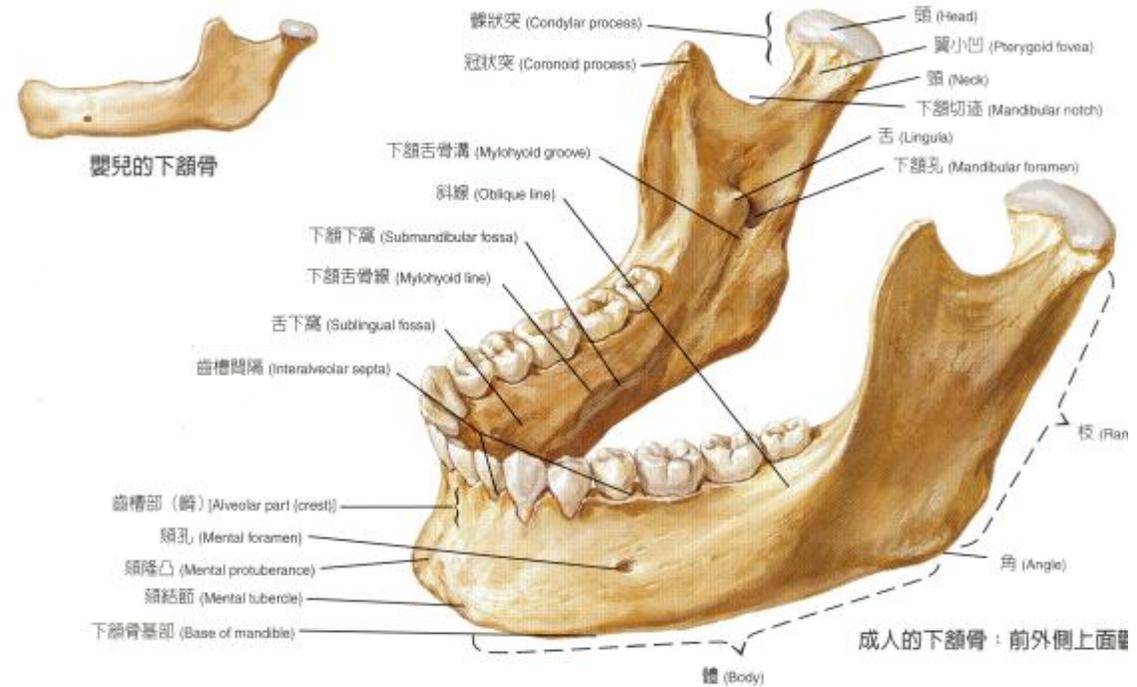
● 顏突 (mental spine)

● 舌下腺小凹

(sublingual fovea)

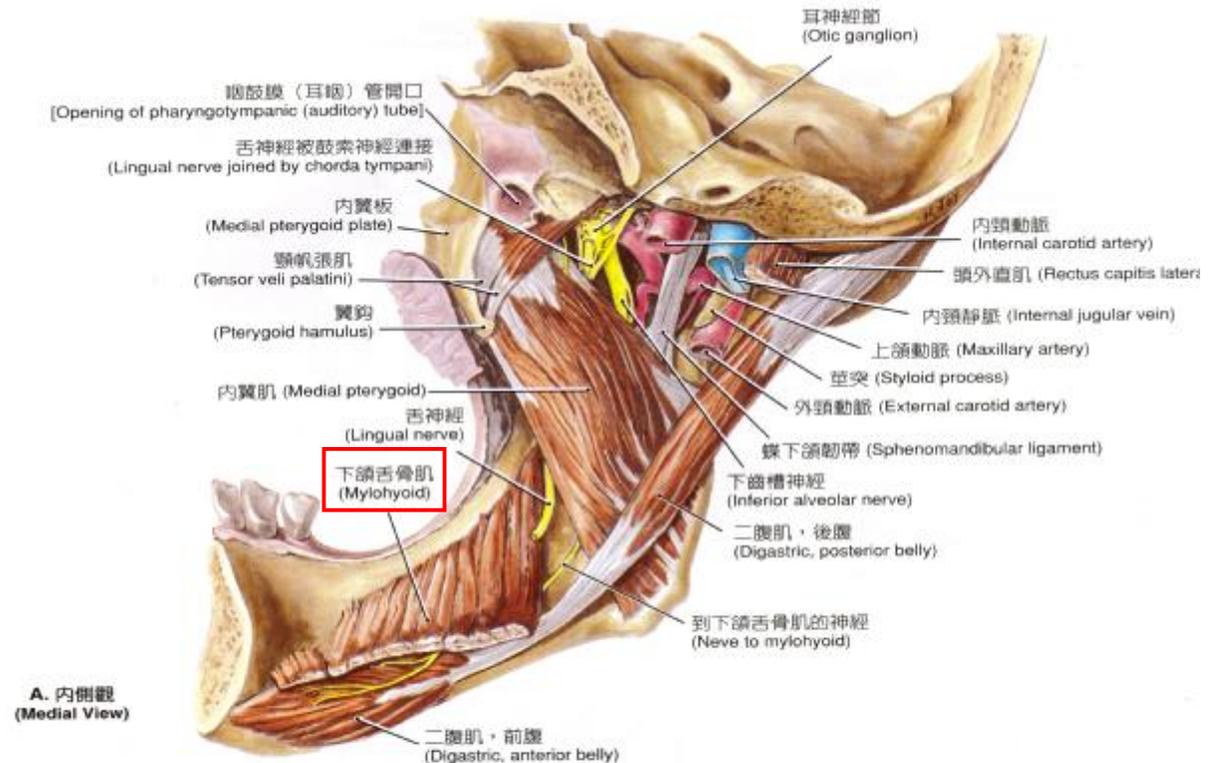
● 頷下腺凹

(submandibular fovea)

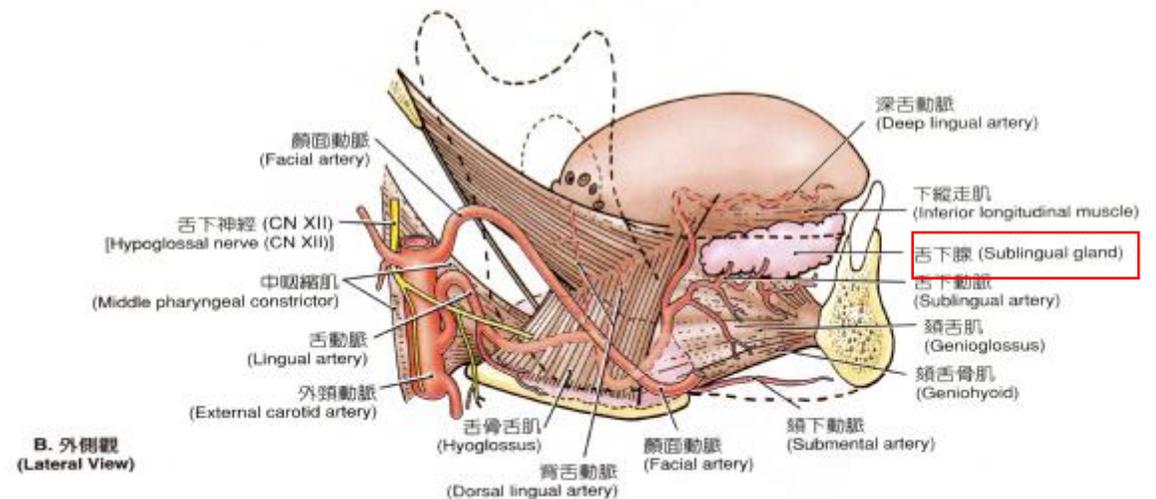


# 顏面骨 (Facial bone)

- 下頷舌骨線 (mylohyoid line)：下頷舌骨肌附著。
- 舌下腺小凹 (sublingual fovea)：舌下腺 (sublingual gland)



A. 內側觀 (Medial View)



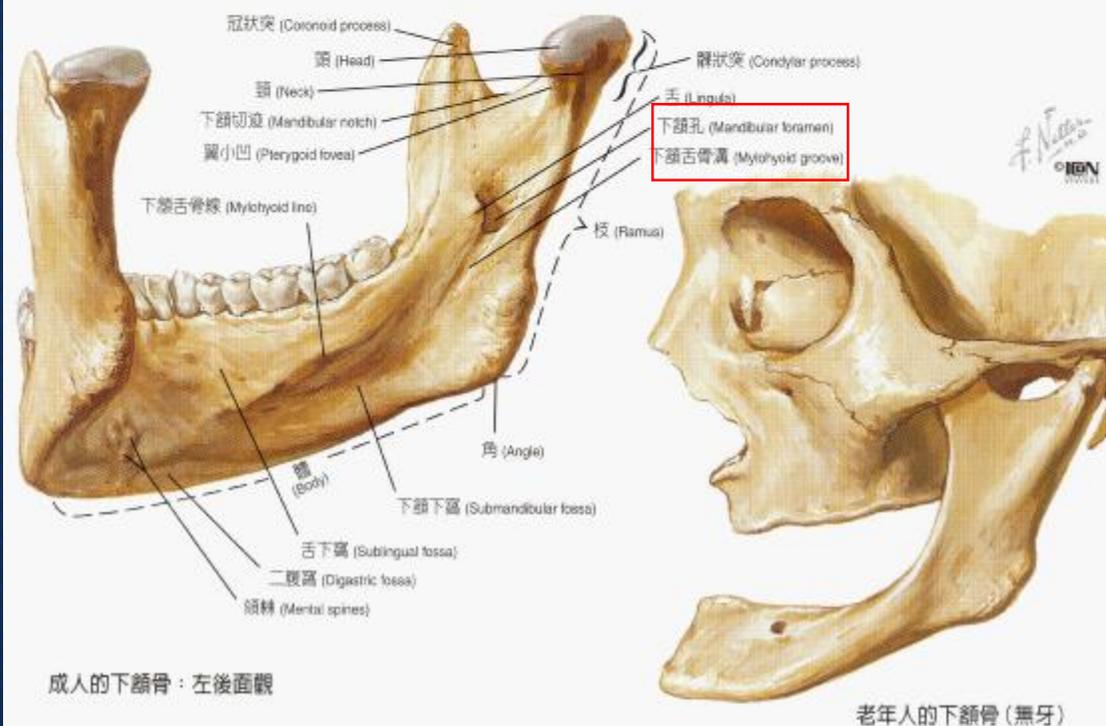
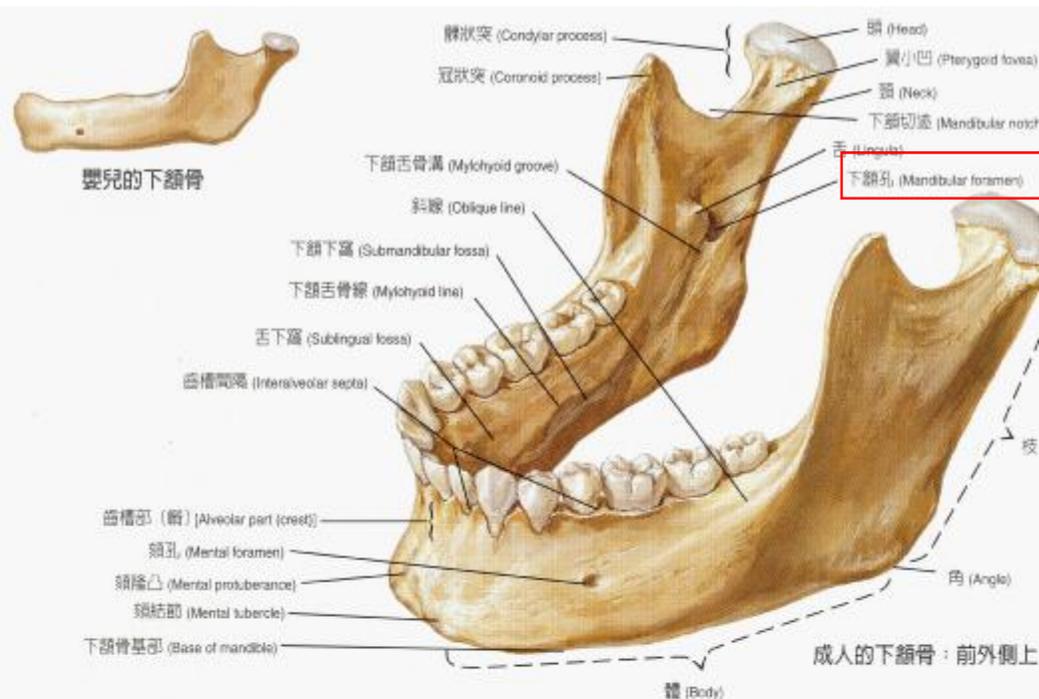
B. 外側觀 (Lateral View)

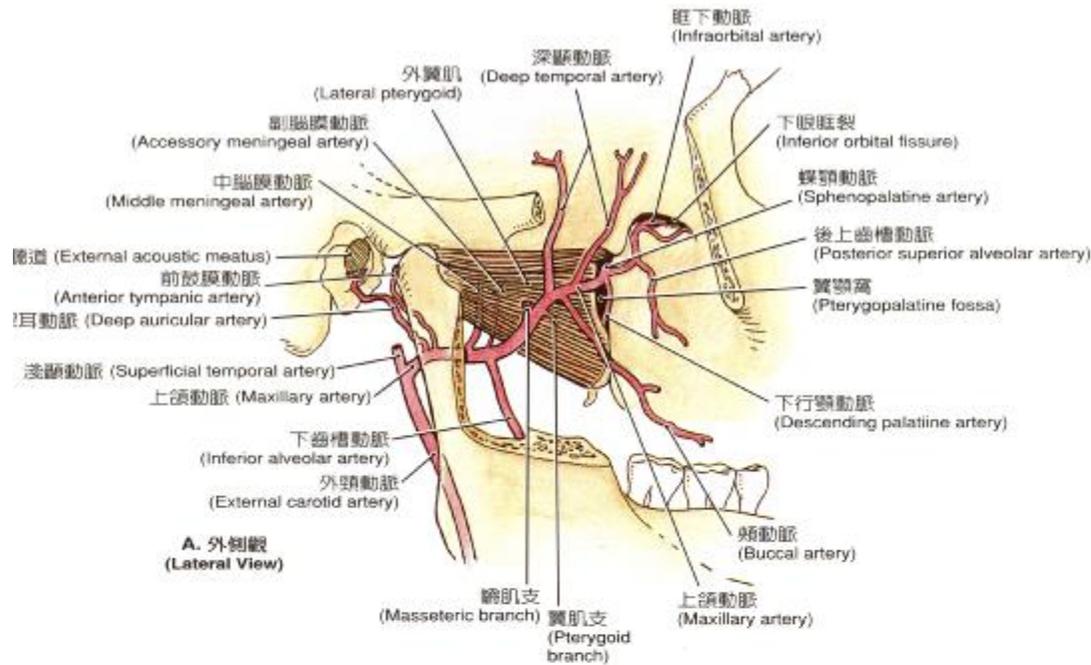
7.56 下頷骨內側面的肌肉和血管以及頰底

# 顏面骨 (Facial bone)

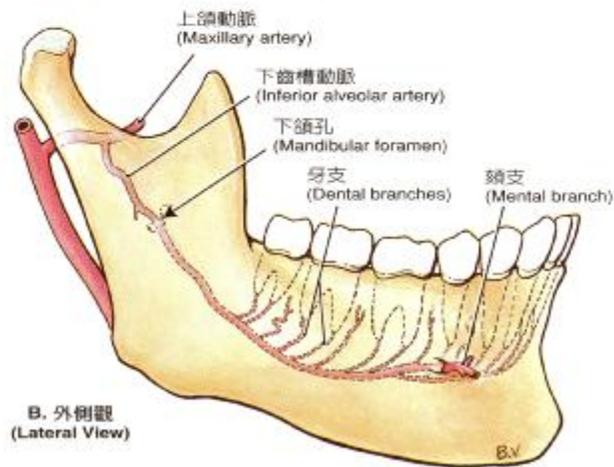
## ● 下頷孔 (mandibular foramen)

● 下齒槽神經 (inferior alveolar nerve) 在接近下頷孔時分出下頷舌骨枝 (mylohyoid branch) 延著下頷舌骨溝走，本身則進入下頷孔中成為頰神經 (mental nerve) 走在體部內，最後由頰隆凸外側的頰孔 (mental foramen) 穿出到下頷體外。

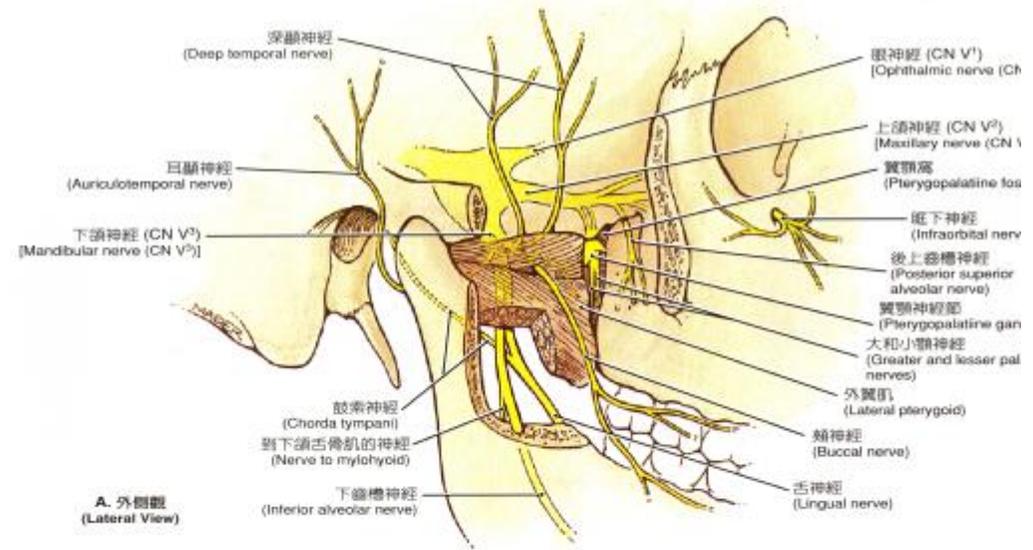




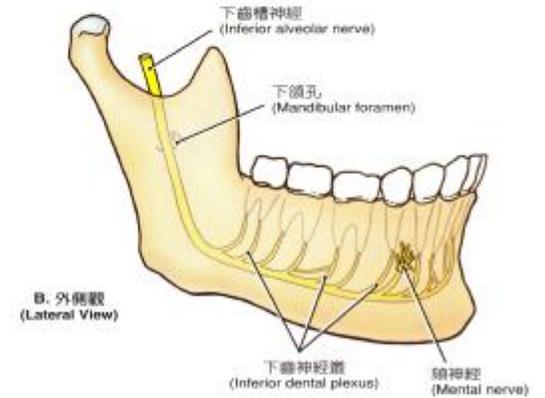
A. 外側觀 (Lateral View)



B. 外側觀 (Lateral View)



A. 外側觀 (Lateral View)



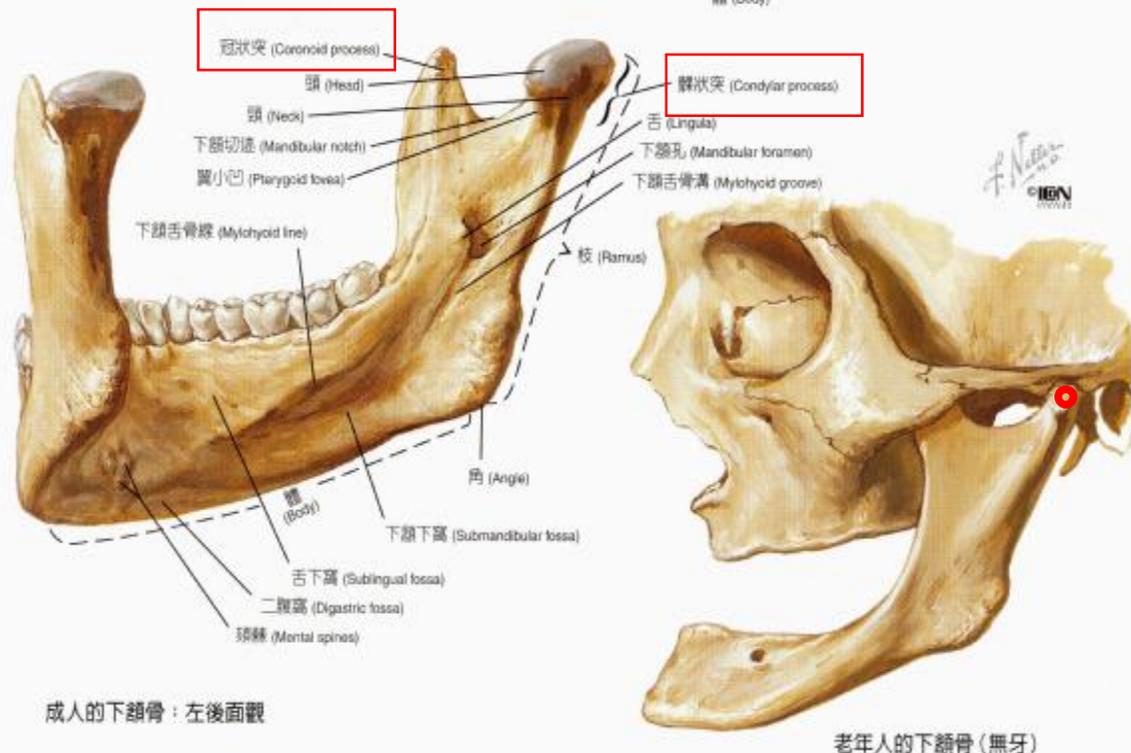
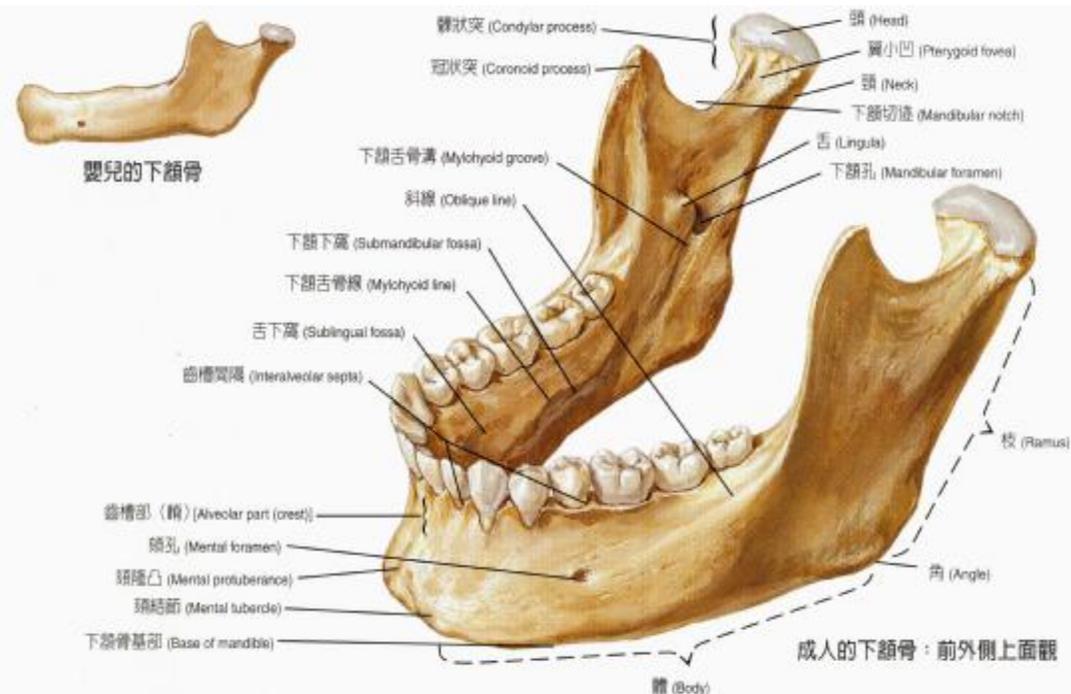
B. 外側觀 (Lateral View)

## 顏面骨 (Facial bone)

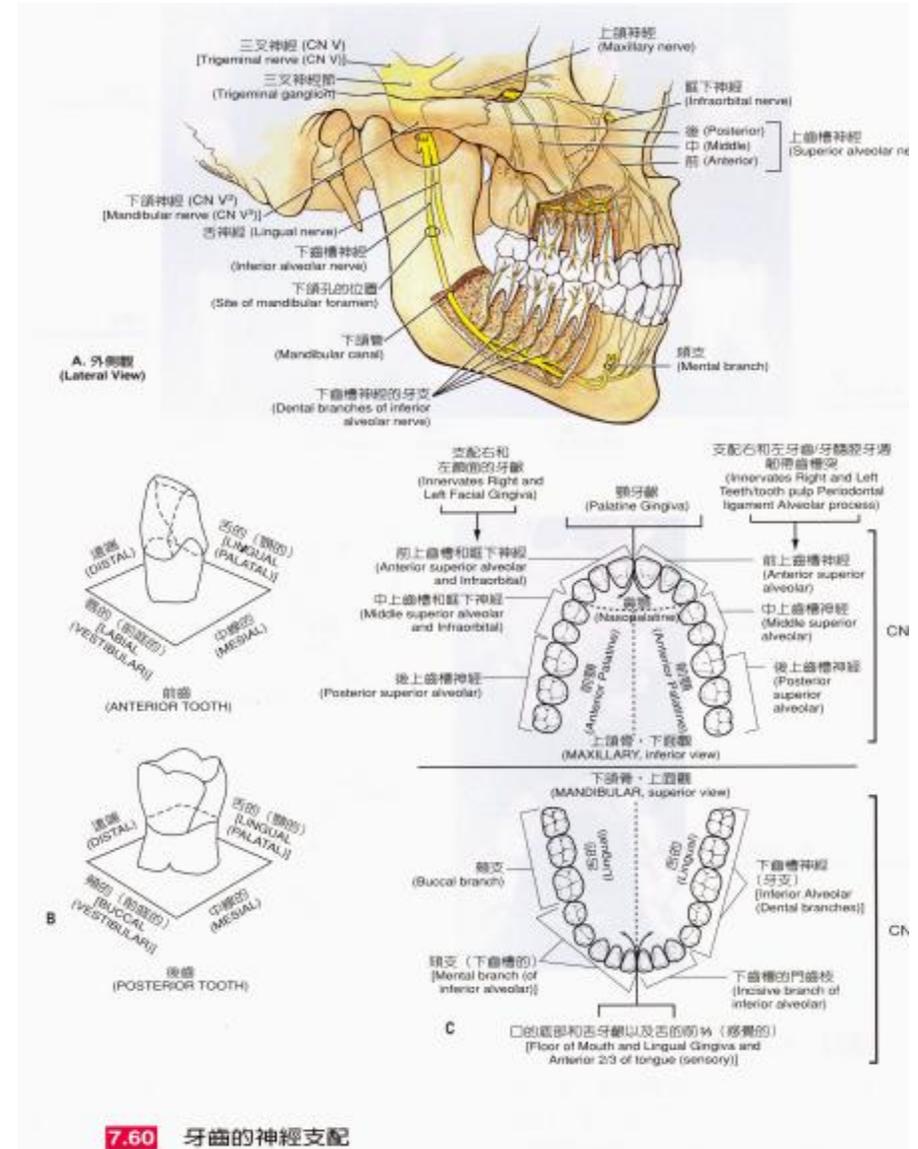
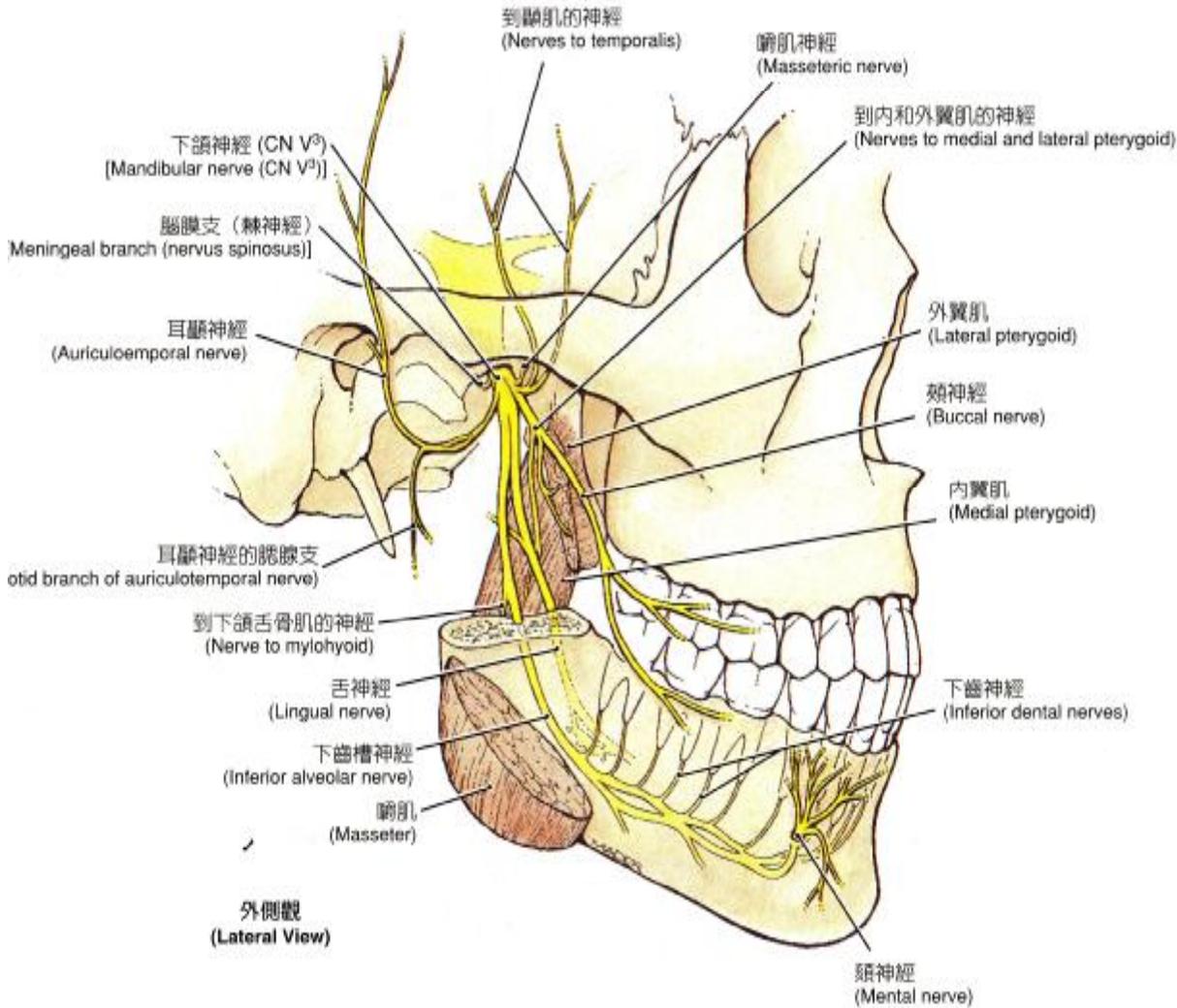
# 顏面骨 (Facial bone)

## 下頷枝 (Ramus)

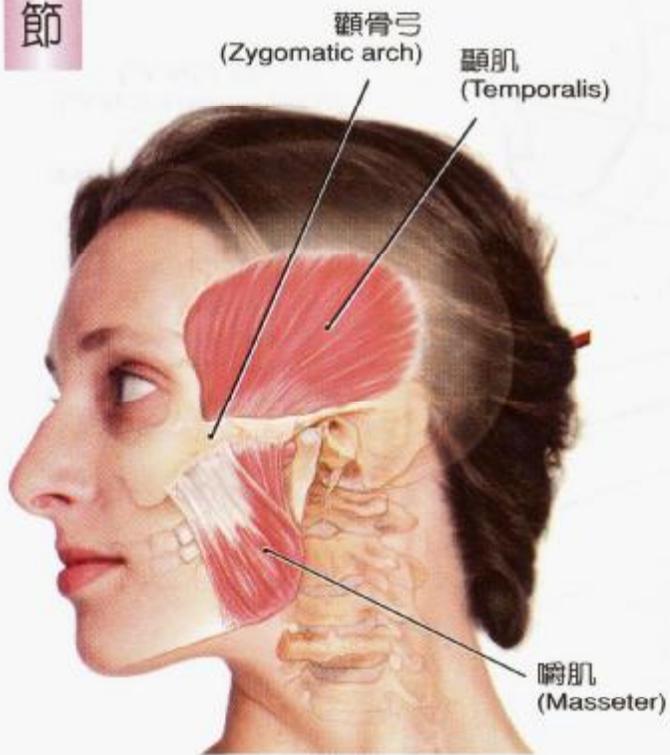
- 1. 冠狀突 (coronoid process) 顳肌 (temporalis muscle) 附著處。
- 2. 髁狀突 (condylar process) 有頭(head)、頸(neck)之分，與顳骨形成顳下頷關節 (Temporomandibular joint)



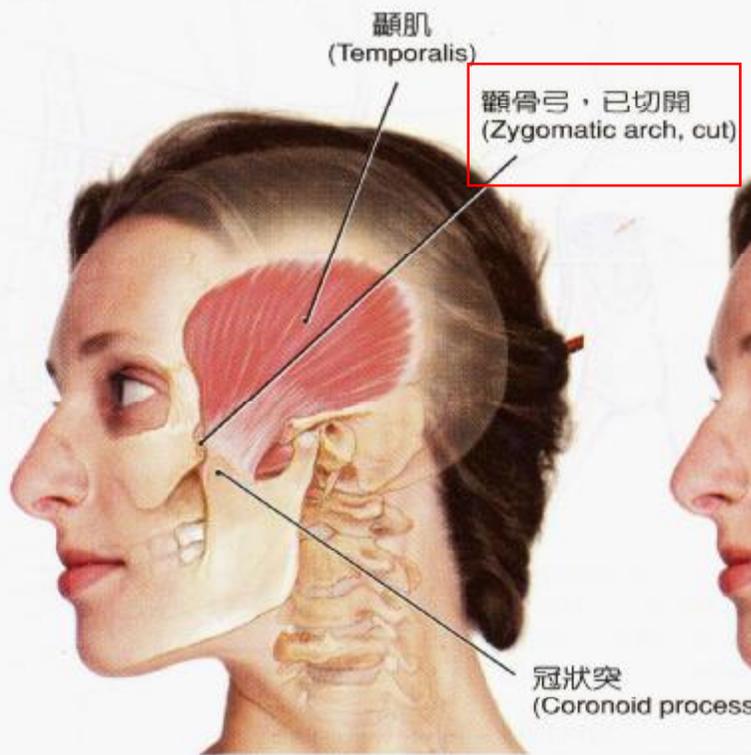
# 顏面骨 (Facial bone)



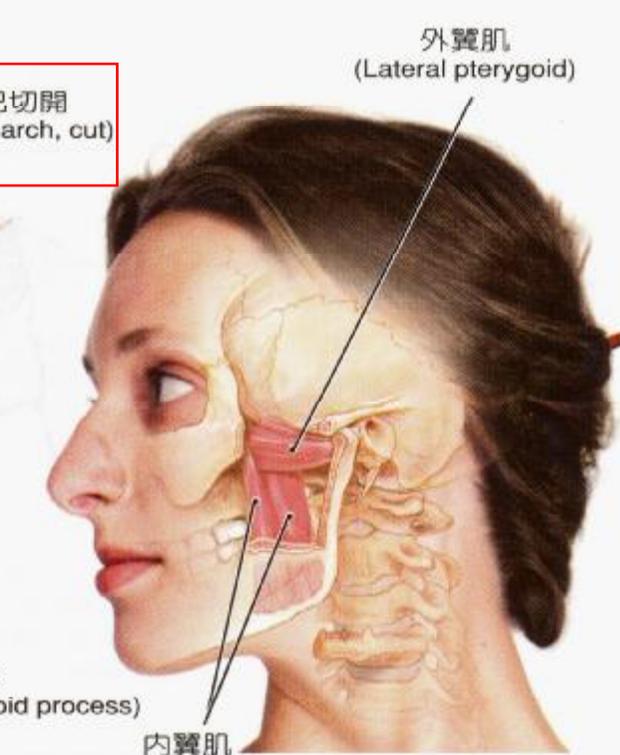
顫下頷關節



外側觀 (Lateral View)

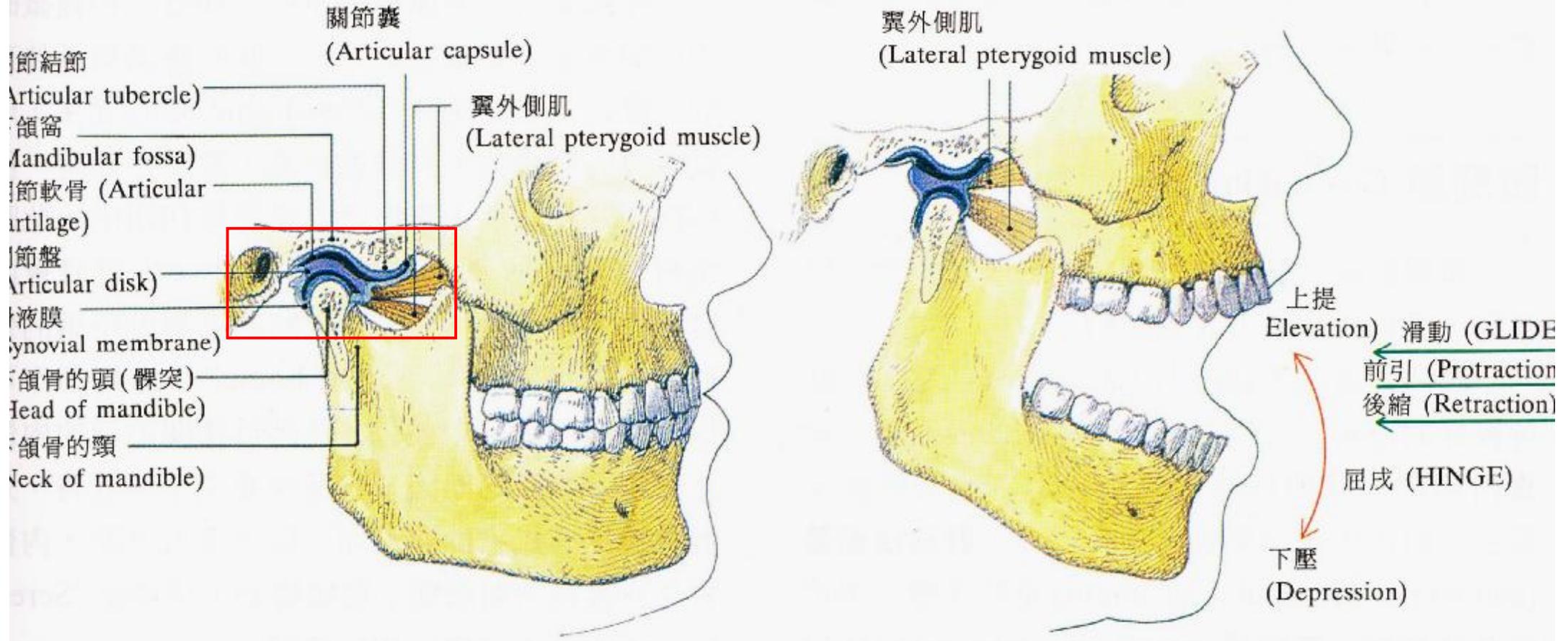


外側觀 (Lateral View)



外側觀 (Lateral View)

# Temporomandibular joint (顳下頷關節)

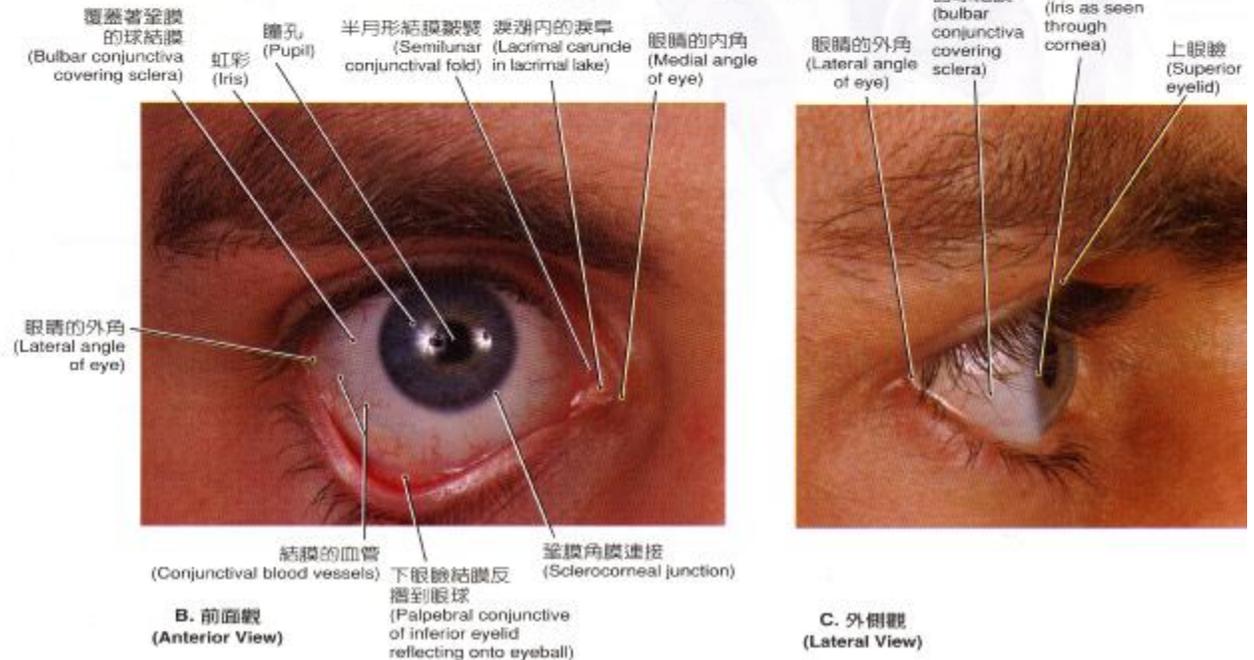
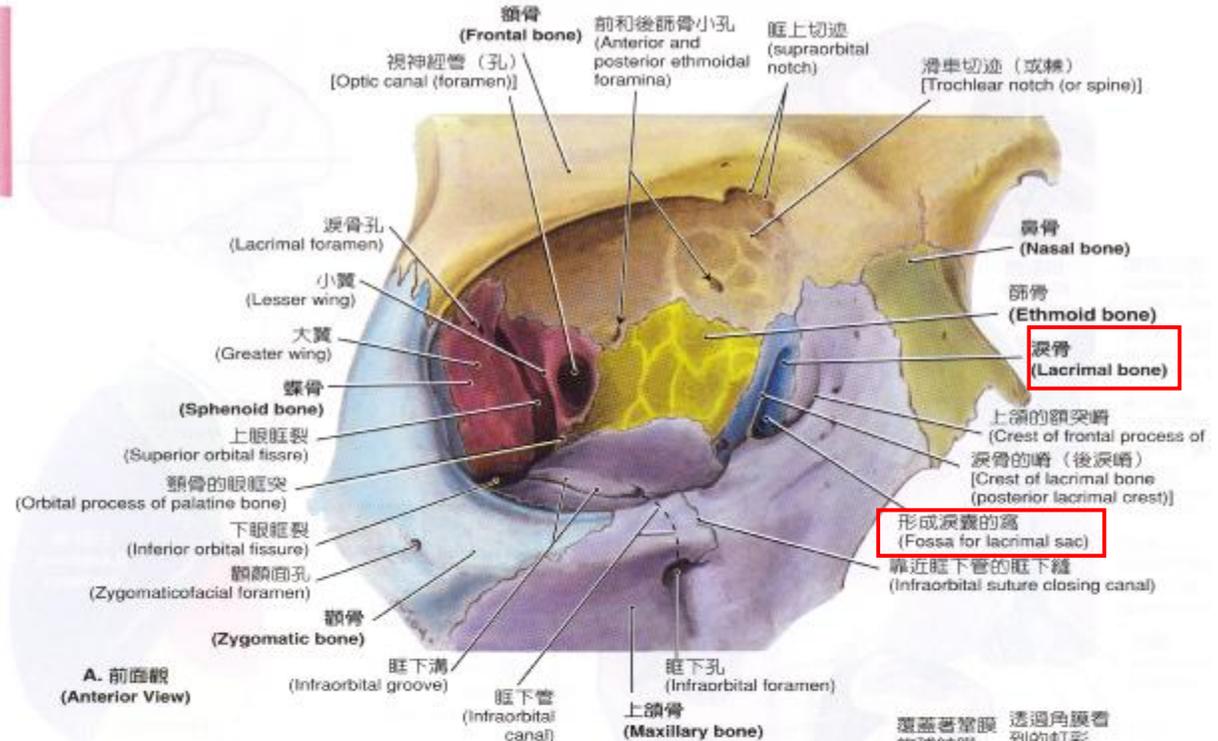


# 淚骨 (lacrima bone)

● 淚囊窩 (fossa of lacrimal sac)

● 鼻淚管 (nasolacrimal duct)

眼眶及眼球



# 腭骨 (Palatine bone)

## ● 水平部

(horizontal portion)

## 大腭孔

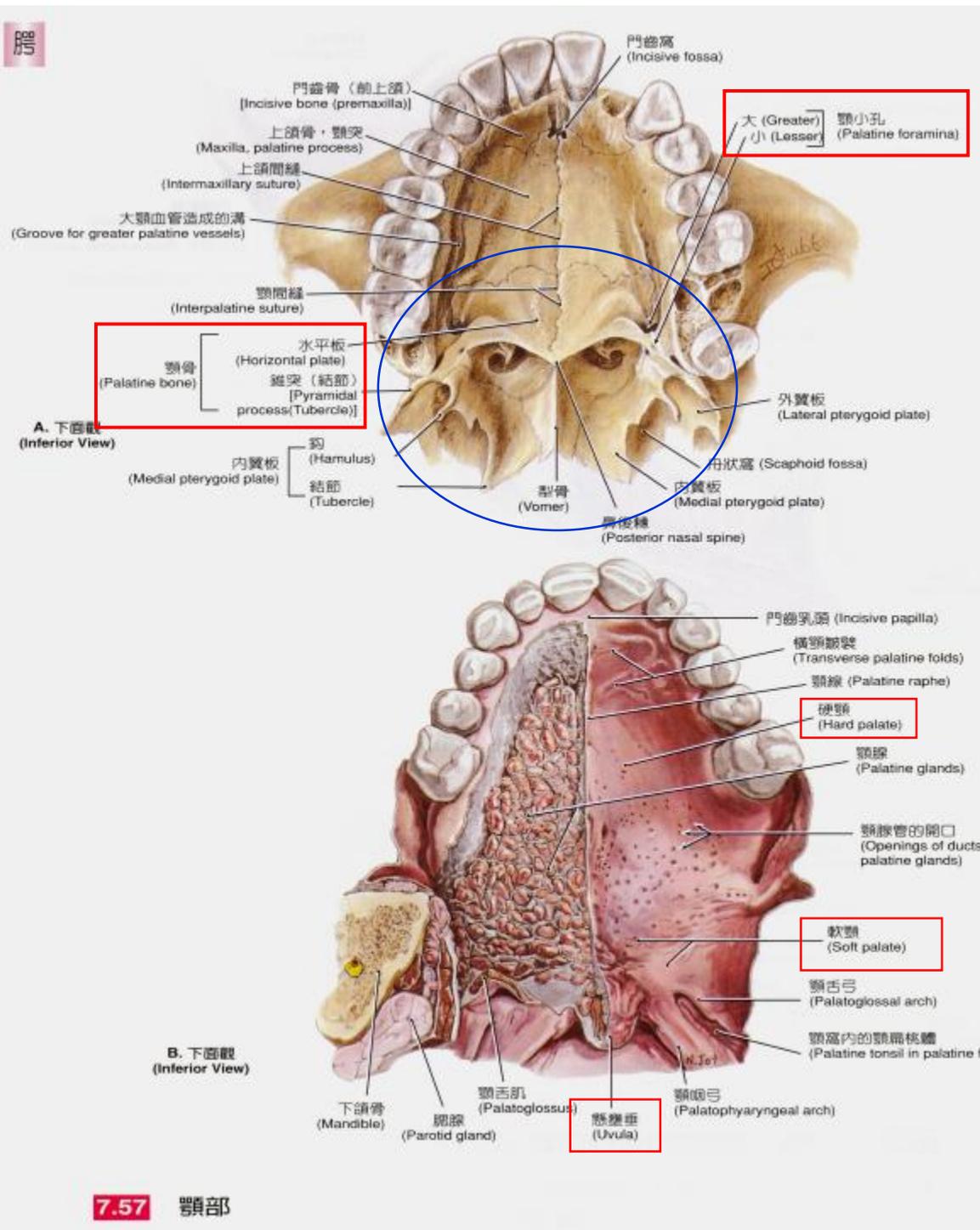
(greater palatine foramen)

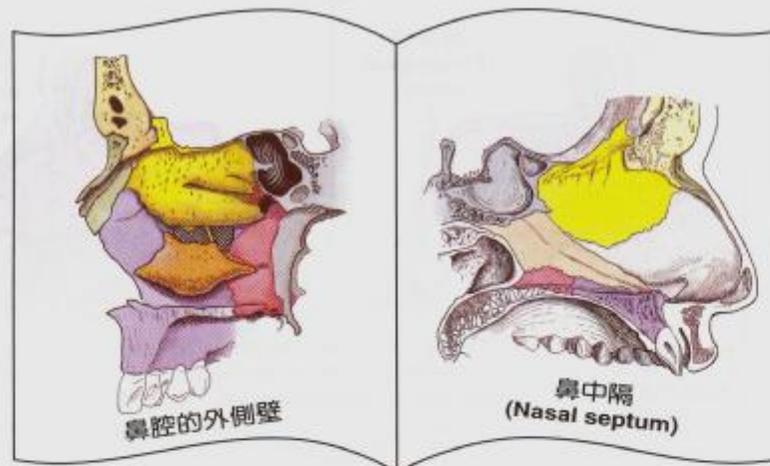
## 小腭孔

(lesser palatine foramen)

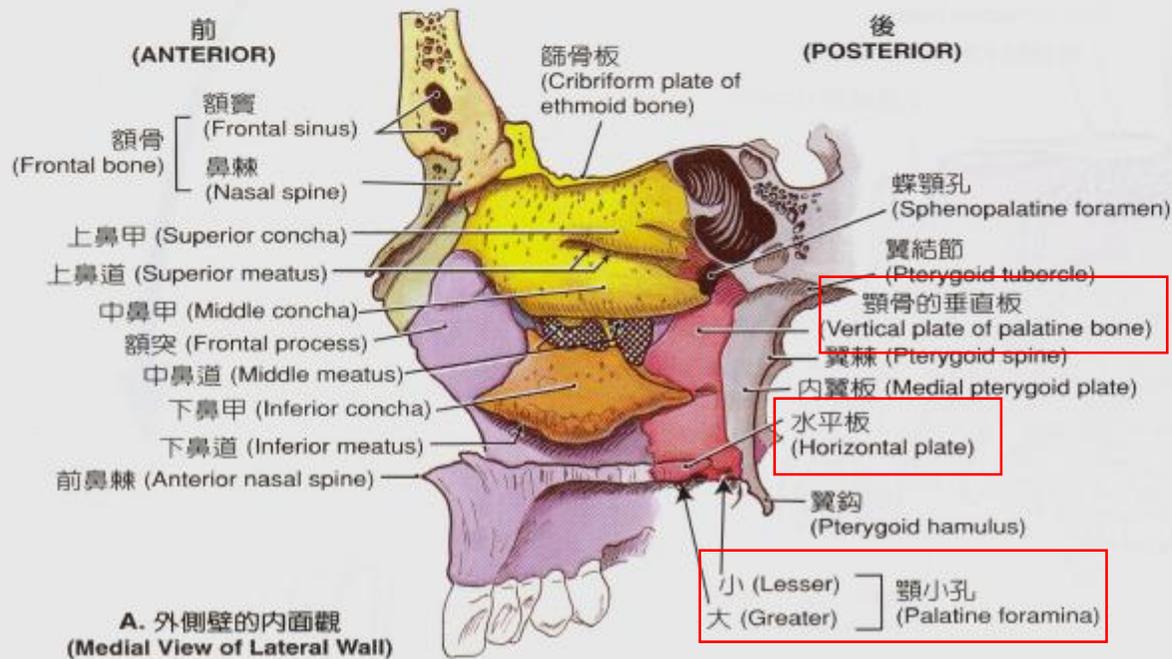
## ● 垂直

(perpendicular portion)

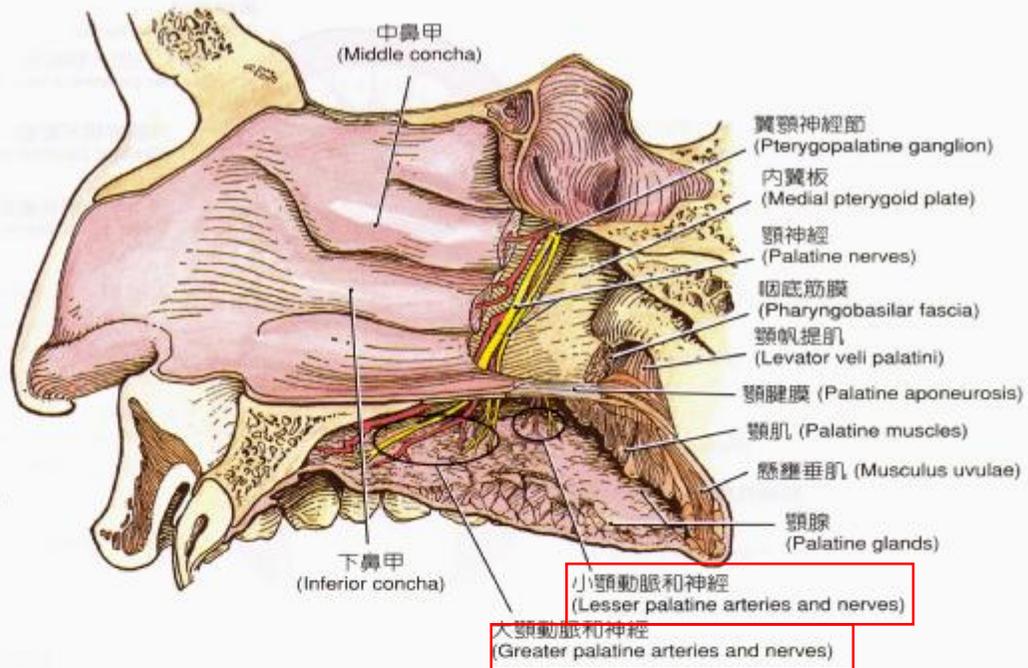




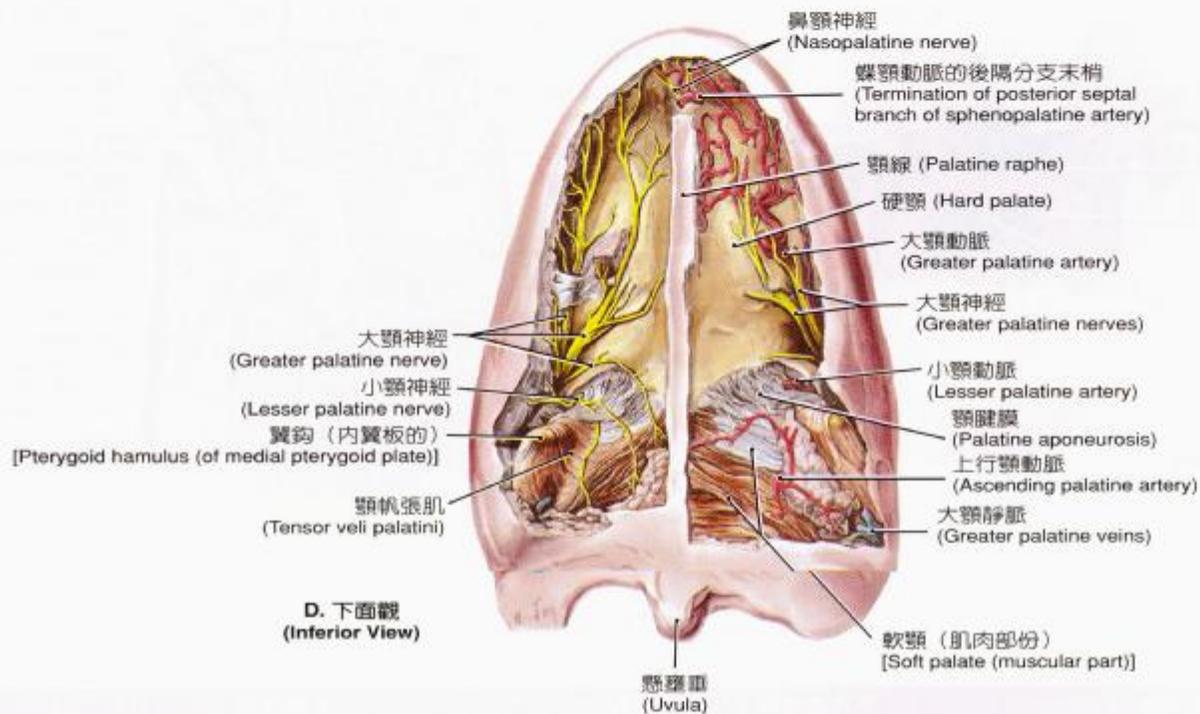
右鼻腔  
(Right Nasal Cavity)



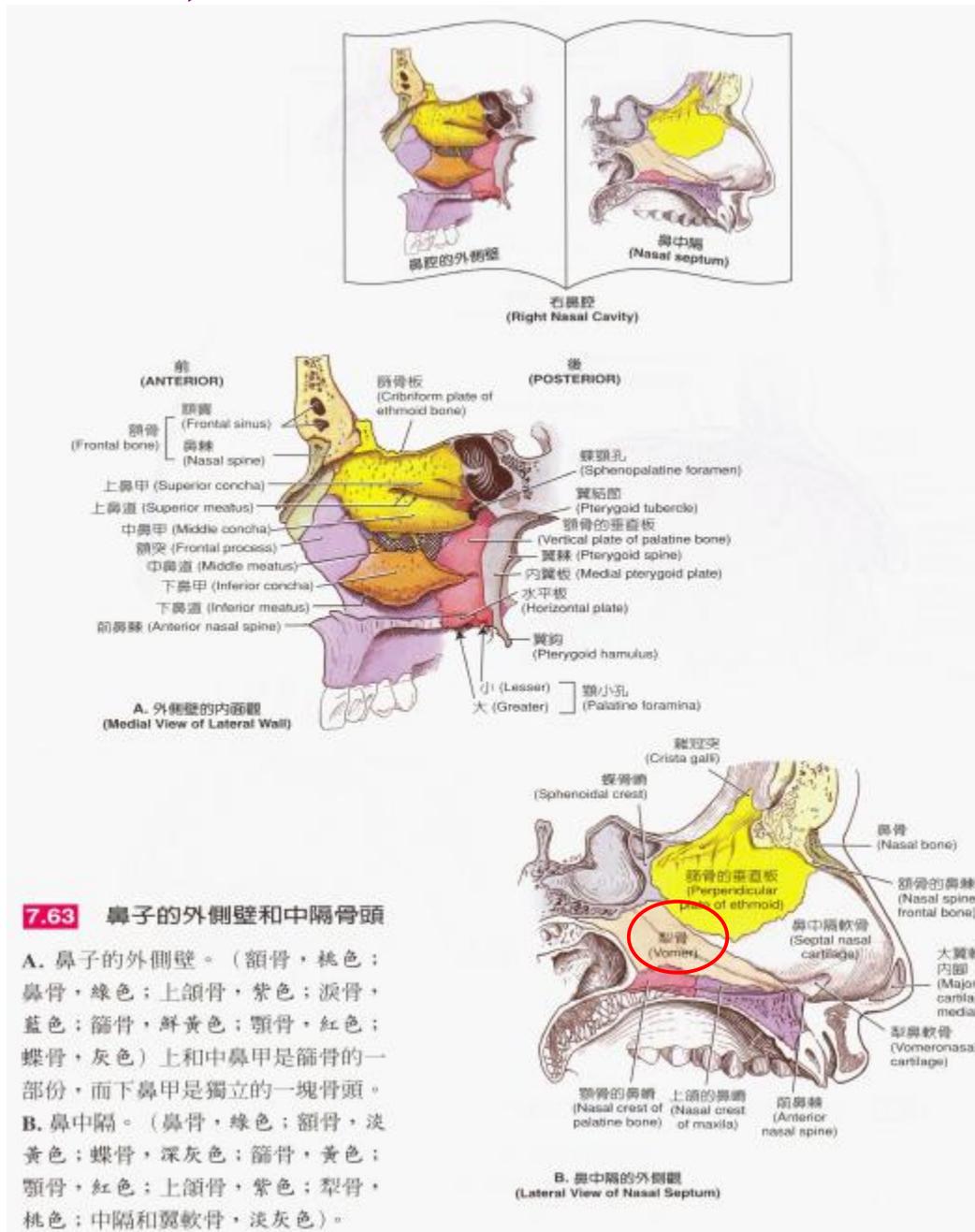
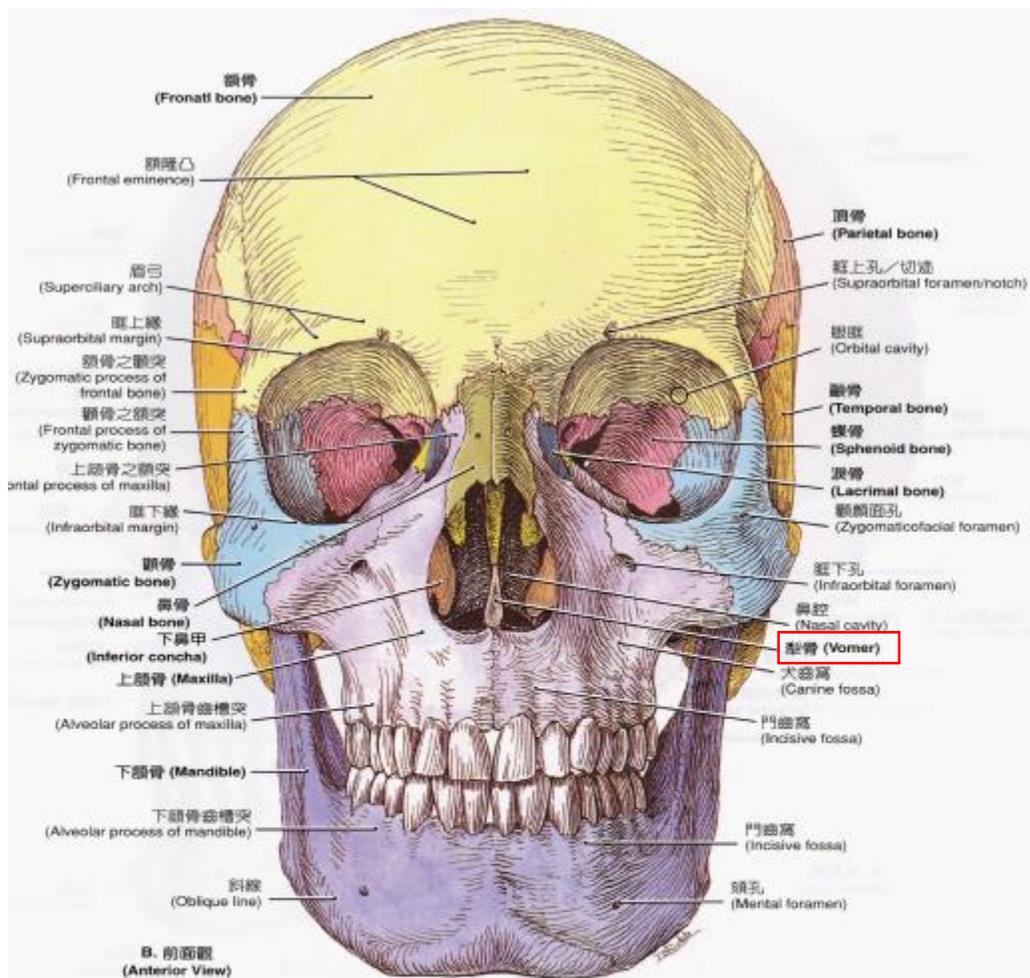
C. 外側觀  
(Lateral View)



D. 下面觀  
(Inferior View)

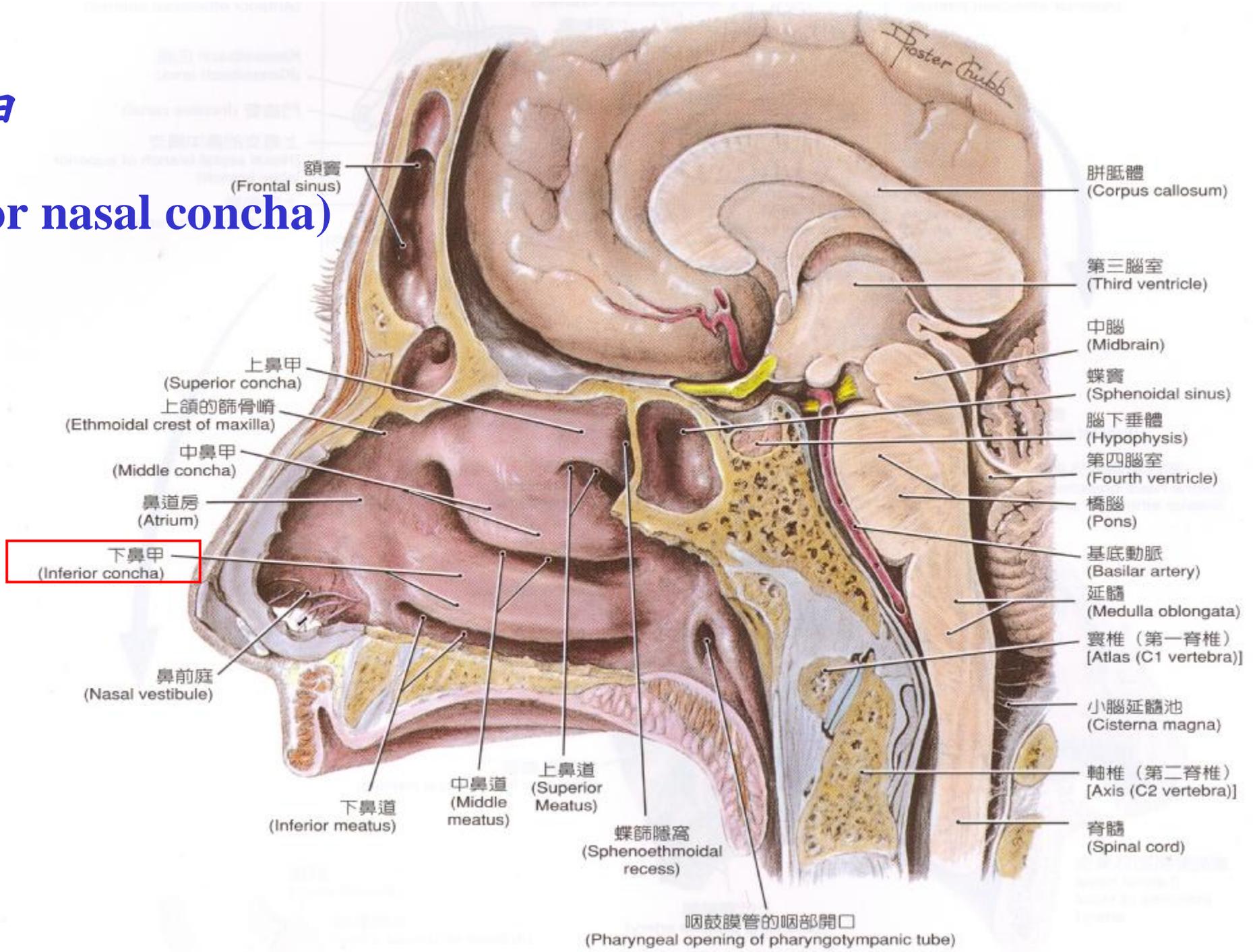


# 犁骨 (Vomer)



# 下鼻甲

## Inferior nasal concha



# 骨縫 (Suture)

冠狀縫 (coronal suture)

位於額骨與頂骨之間。

矢狀縫 (sagittal suture)

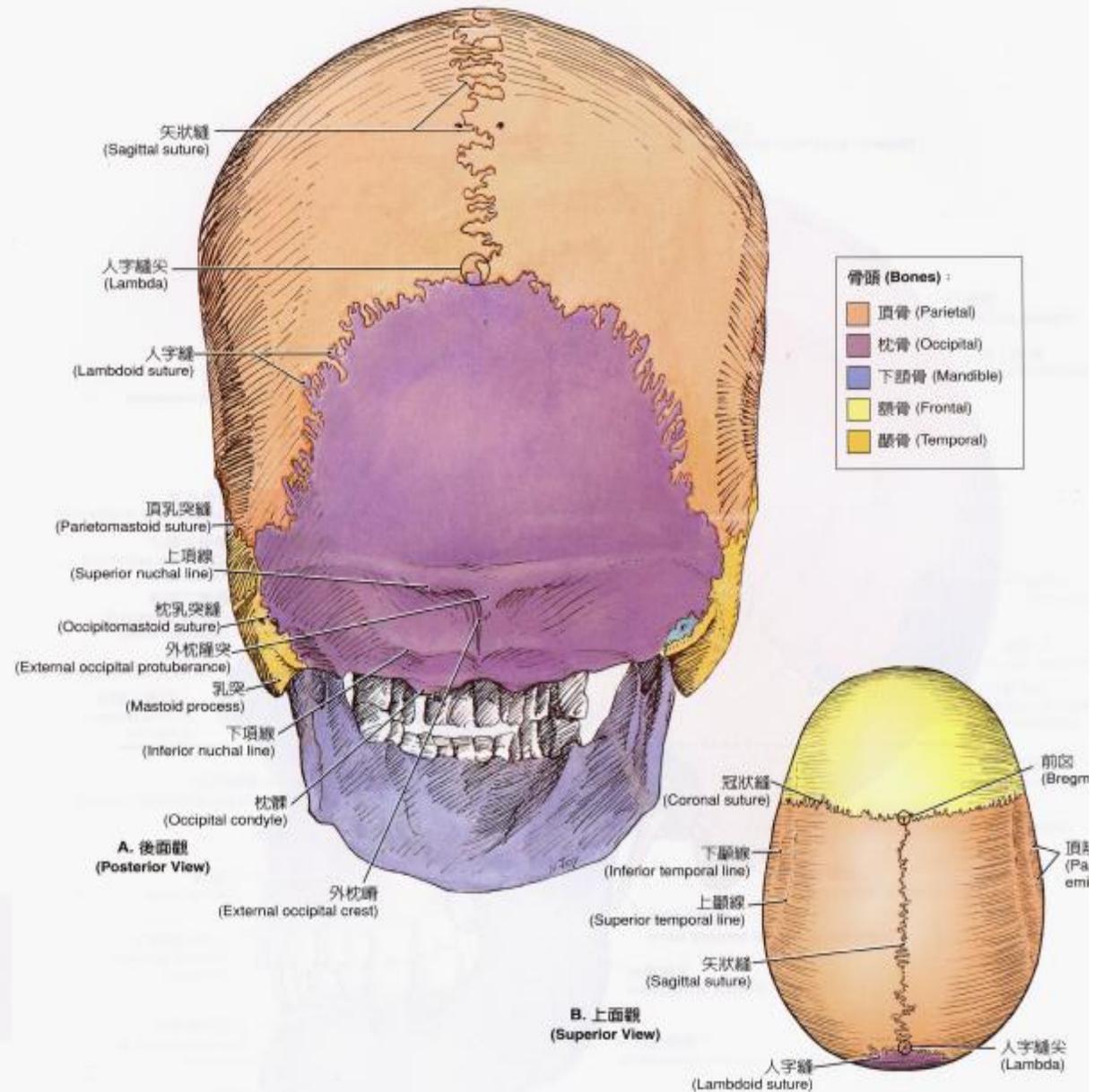
位於兩塊頂骨之間。

人字縫 (lambdoidal suture)

位於頂骨與枕骨之間。

鱗狀縫

(squamous suture) 位於頂骨與顳骨之間。



7.3 後顳窩的腦蓋、枕部及前部

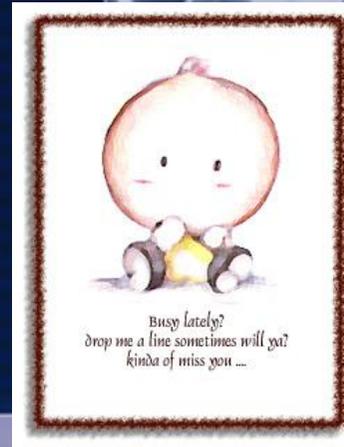
# 囟門 (Fontanelles)

## ● 前囟 (anterior fontanel)

位於兩塊頂骨與額骨交會處，即矢狀縫與冠狀縫相接處，呈菱形，通常在**1歲半~2歲**期間閉合。

## ● 後囟 (posterior fontanel)

位於兩塊頂骨與枕骨交會處，即矢狀縫與人字縫相接處，為三角形，通常於出生後**1歲以內**會閉合。



# 凶門 (Fontanel)

## ● 蝶骨凶 (sphenoidal fontanel)

左右成對，位在頂骨與蝶骨、顳骨及額骨交會的翼穴 (pterion) 通常在出生後3個月會閉合。

## ● 乳突凶 (mastoid fontanel)

左右成對，位在頂骨、枕骨及顳骨之交會處在出生後3個月左右會閉合。



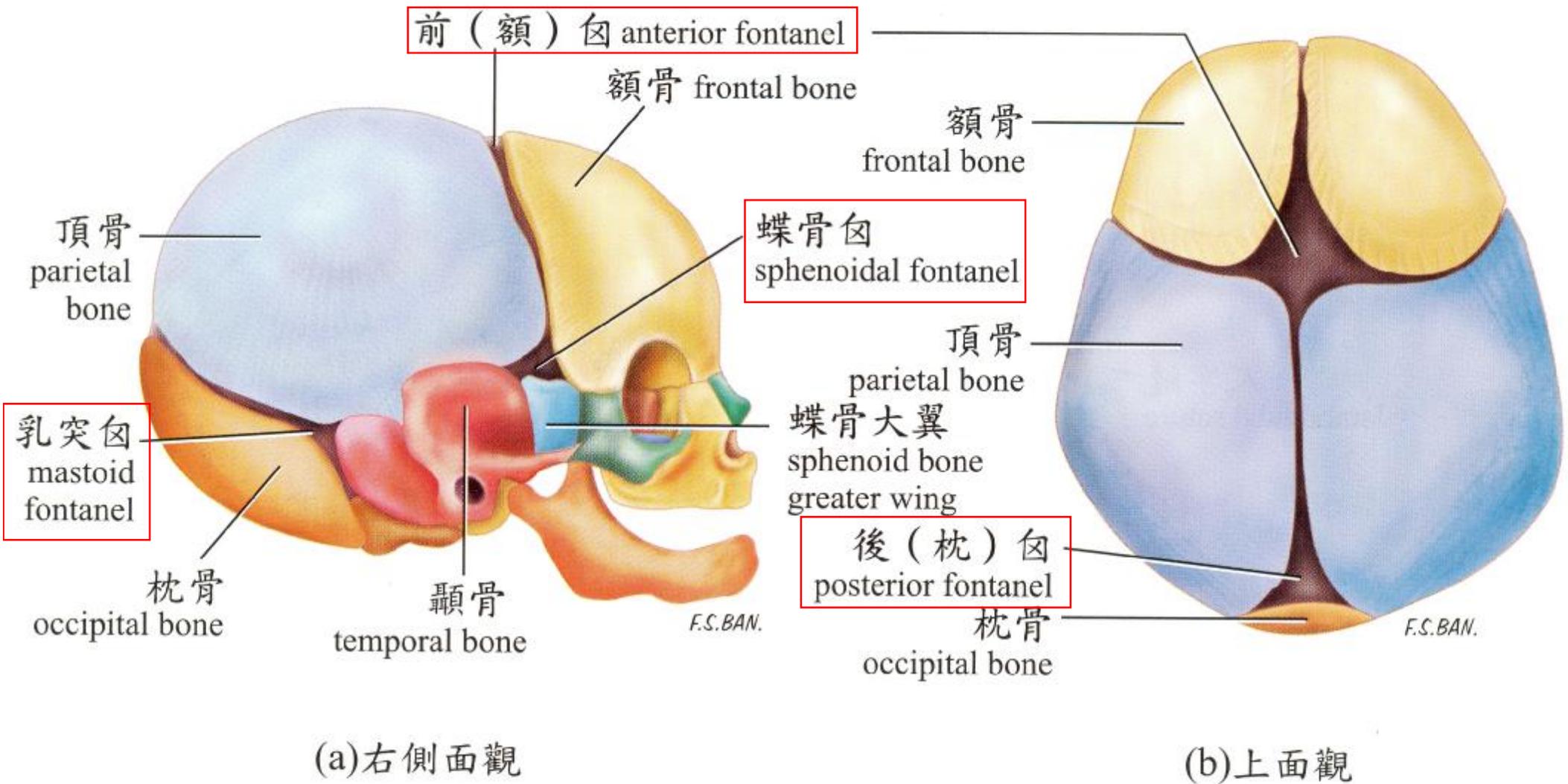
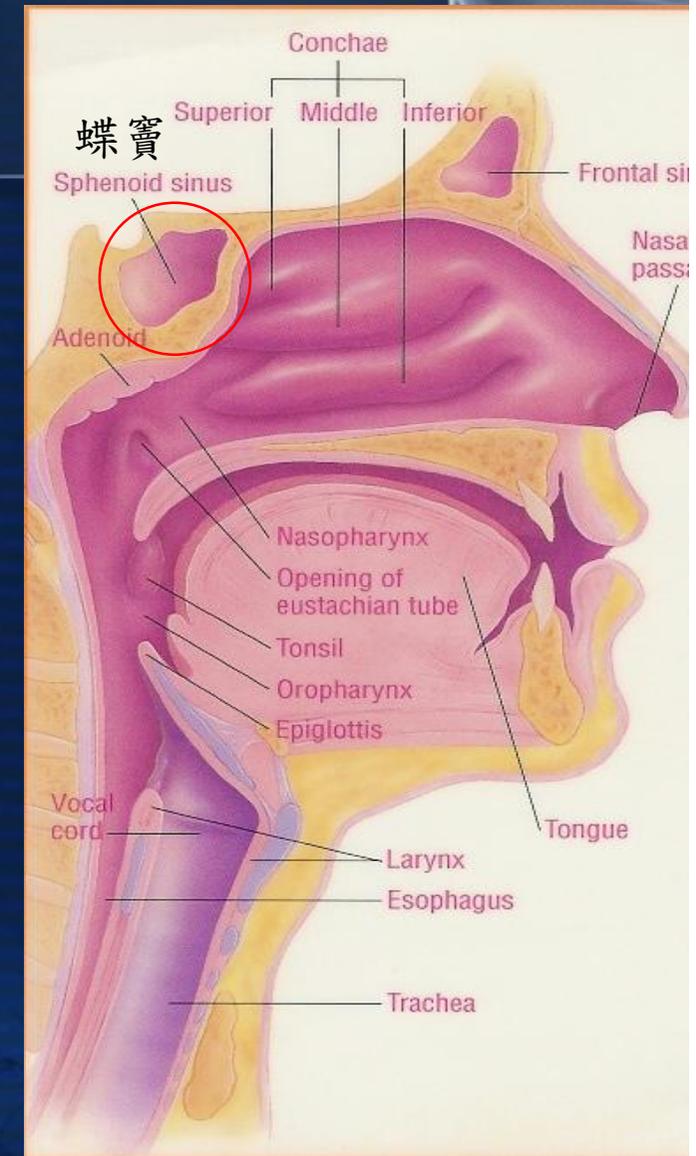
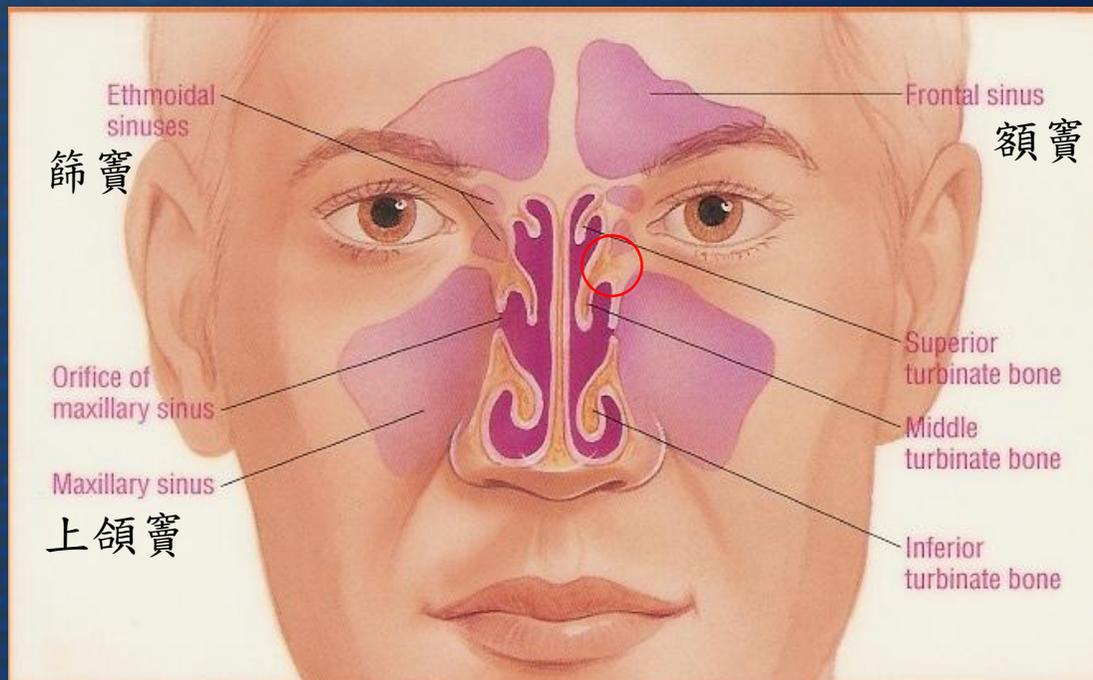
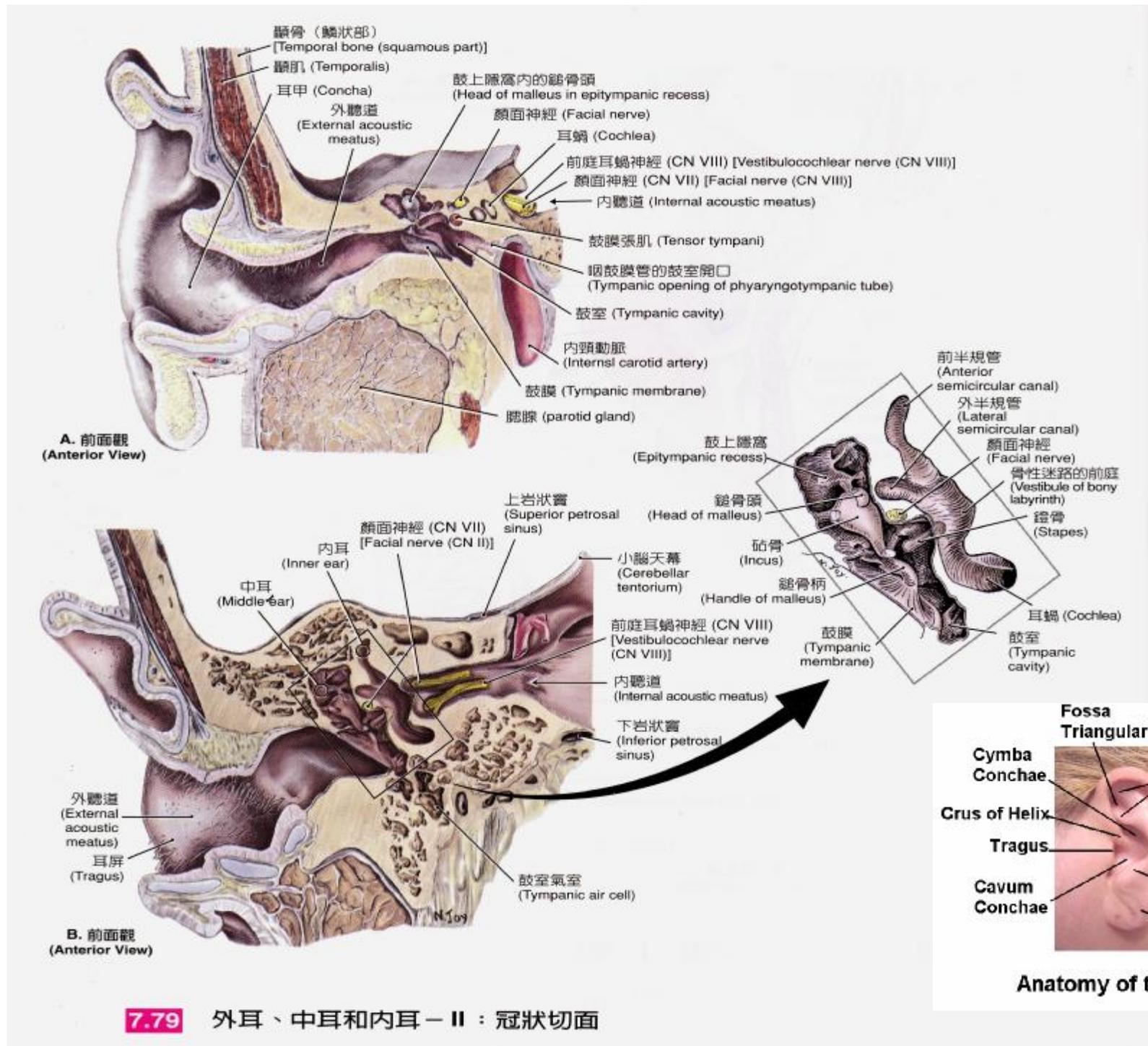


圖 5-17 胎兒出生時頭顱骨之凶門

# 副鼻竇 (Paranasal sinuses)

- 產生黏液
- 減輕顱骨之重量
- 作為聲音之共鳴箱
- 副鼻竇發炎的現象，稱為鼻竇炎





**7.79** 外耳、中耳和內耳 - II : 冠狀切面



加油！別打瞌睡，學習才會進步！！

