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Nerf Facial (VII)

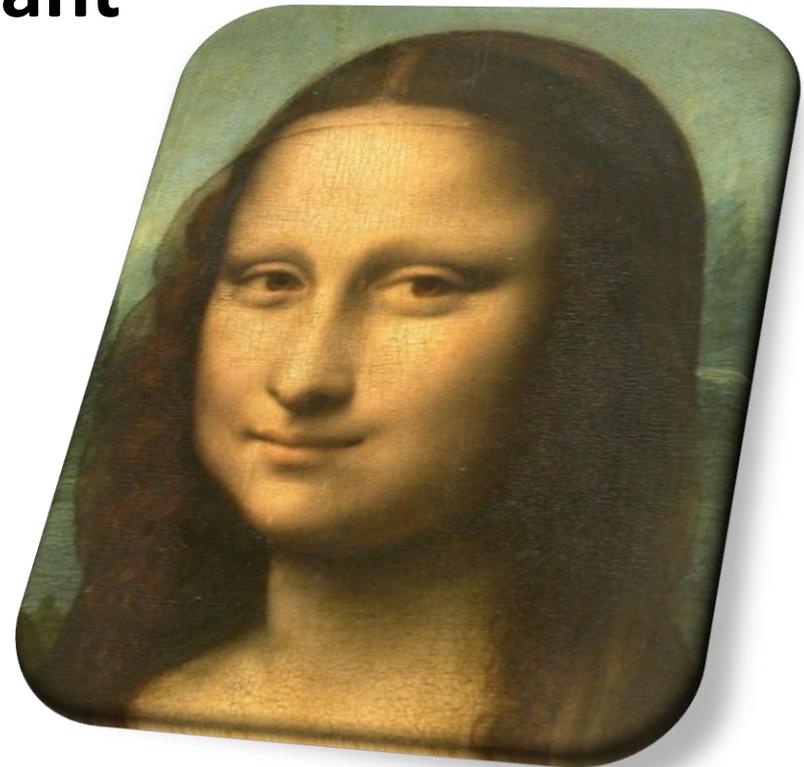




La Joconde

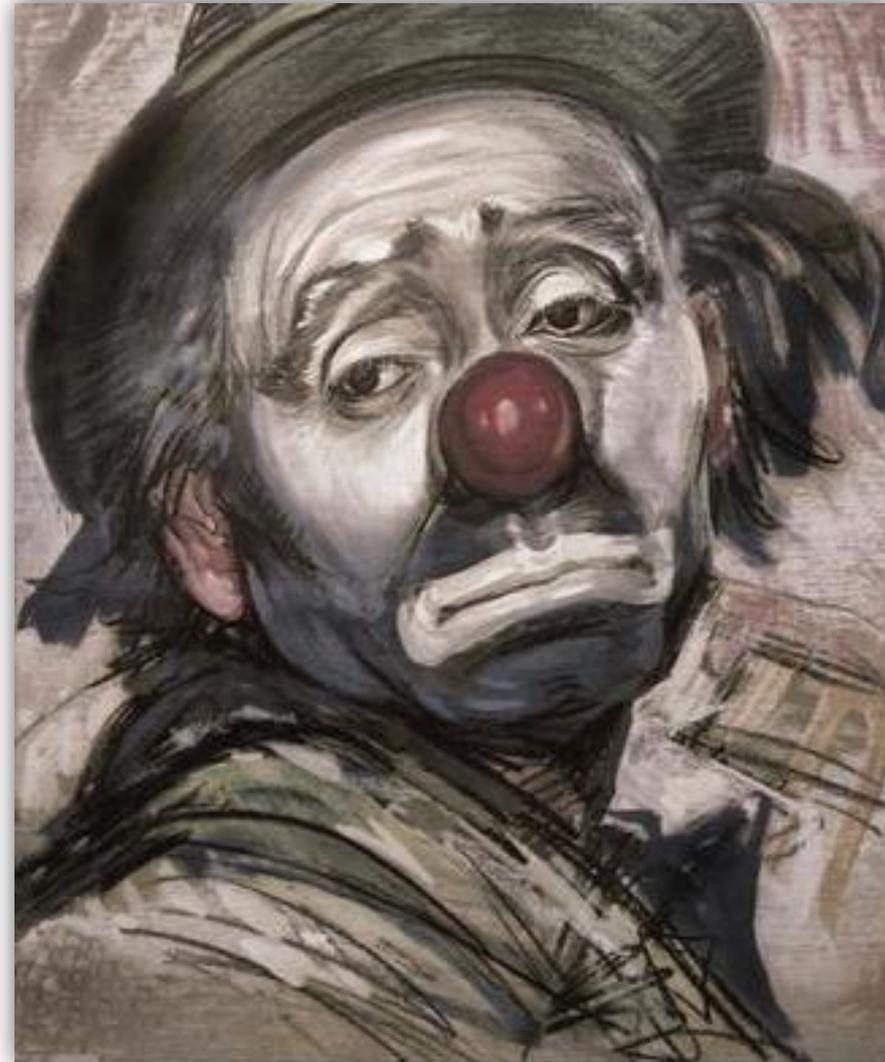
par **Léonard De Vinci** (1503-1507)

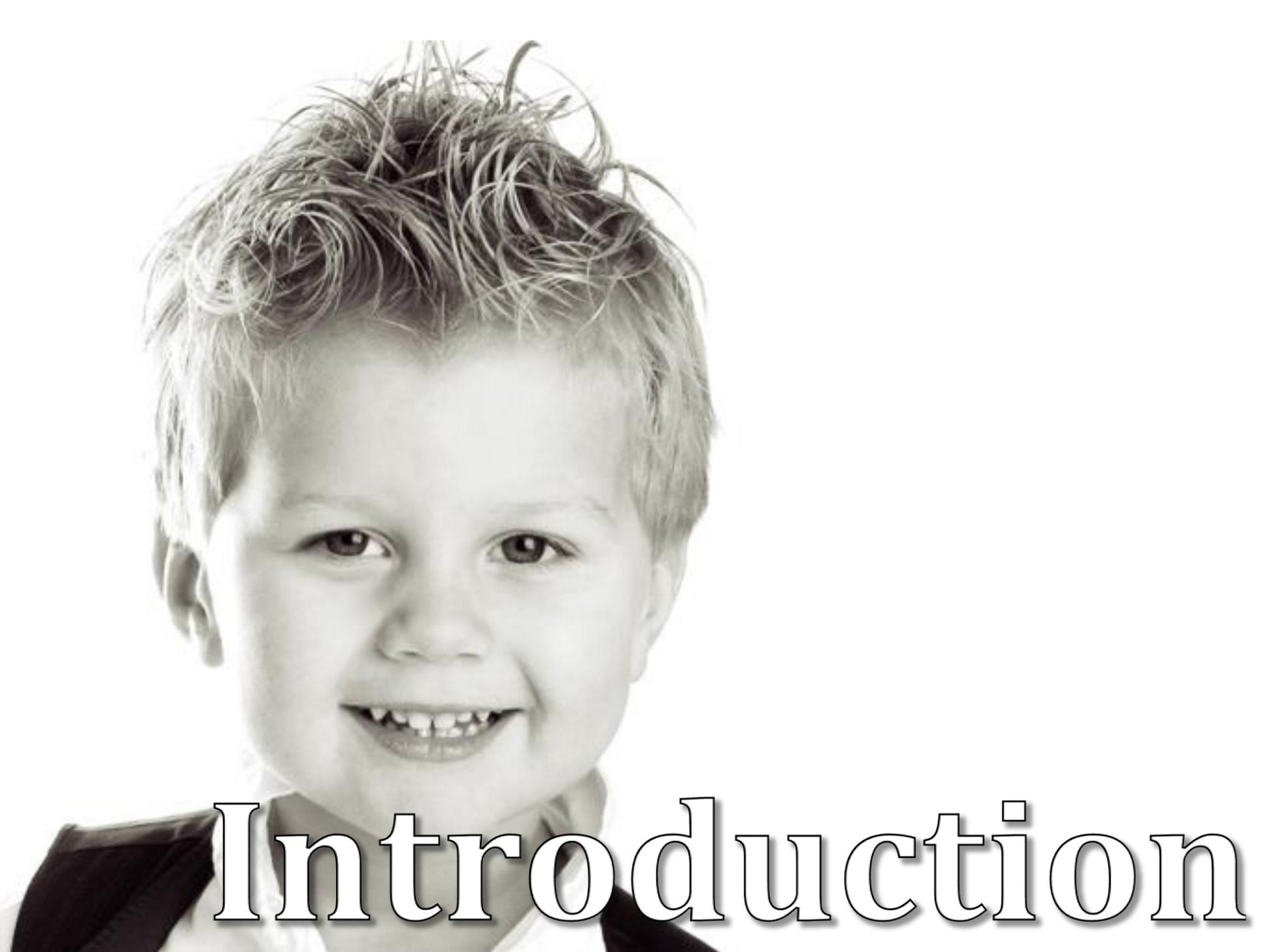
**...le sourire d'une femme
qui venait d'avoir un
enfant**



Plan du cours

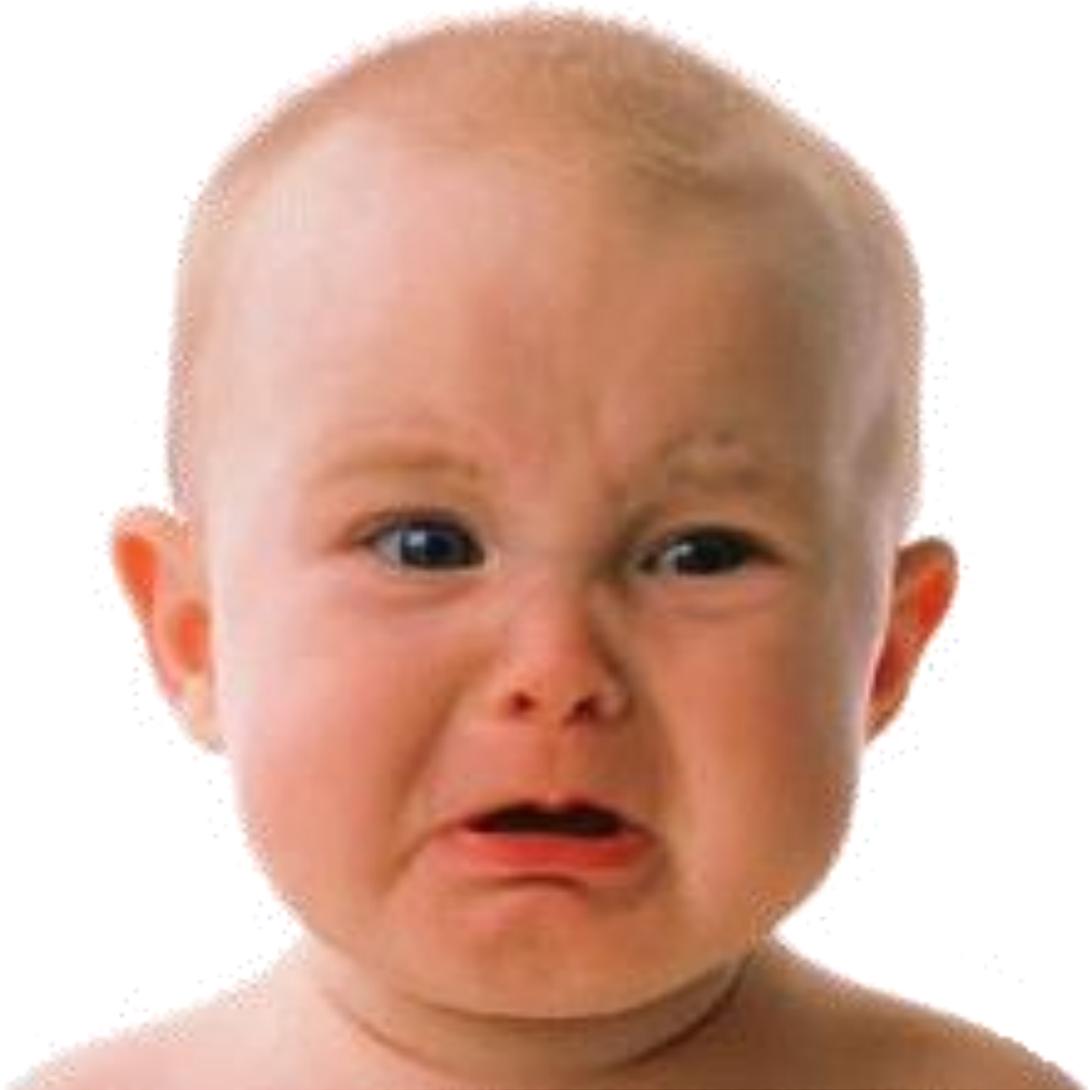
- **Introduction**
- **Anatomie descriptive**
- **Distribution**
- **Anatomie fonctionnelle**





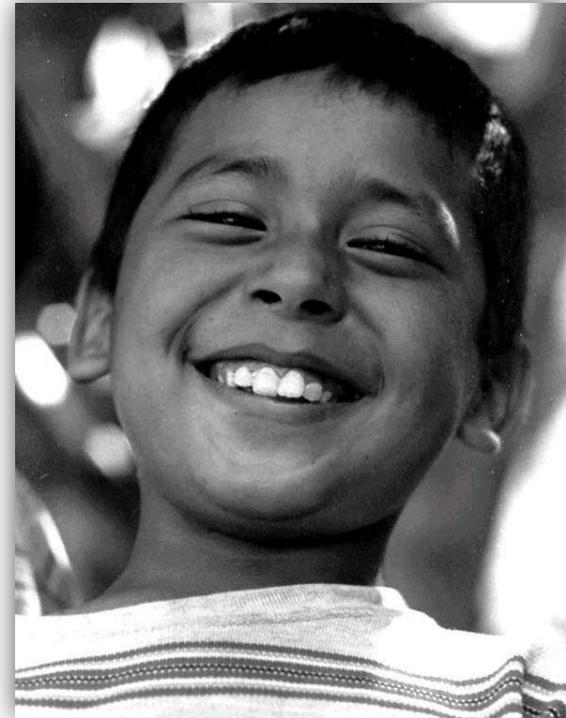
Introduction

- Nerf de l'expression faciale = mimique



4 types de mimique...

(1) Mimique de la joie



Joie



Rire

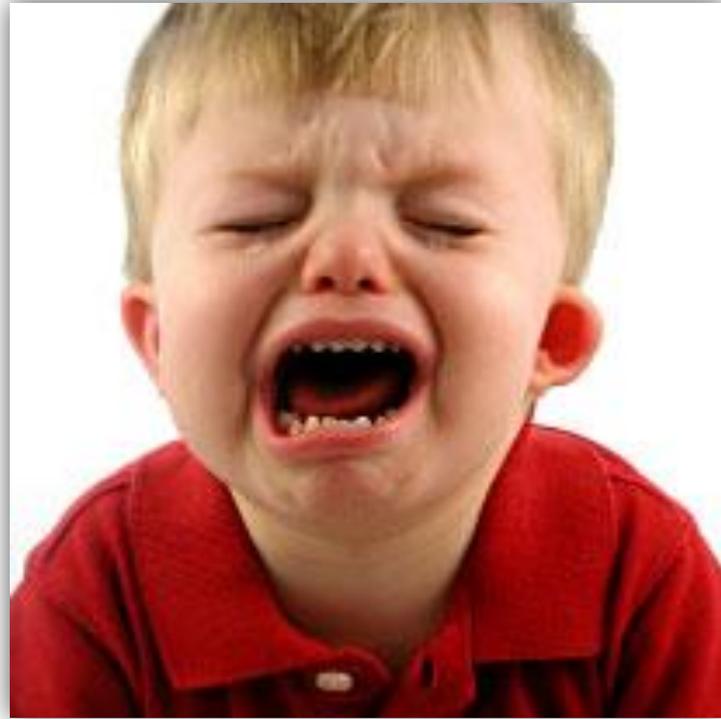


Sourire

(2) Mimique de la tristesse



Tristesse

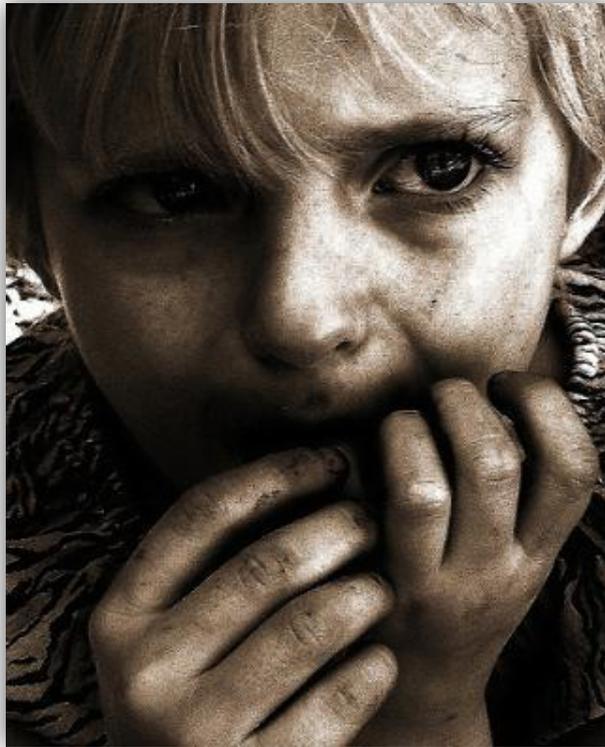


Pleurer

(3) Mimique de l'attention



(4) Mimiques émotives



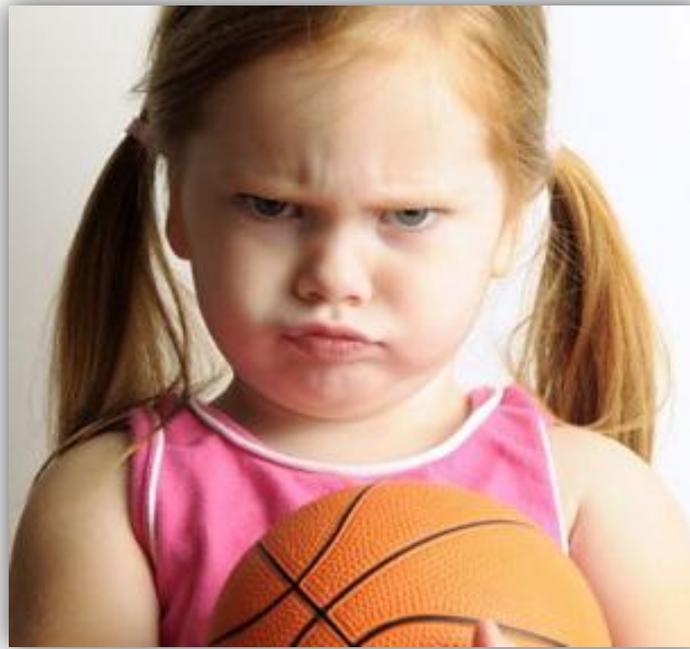
Peur



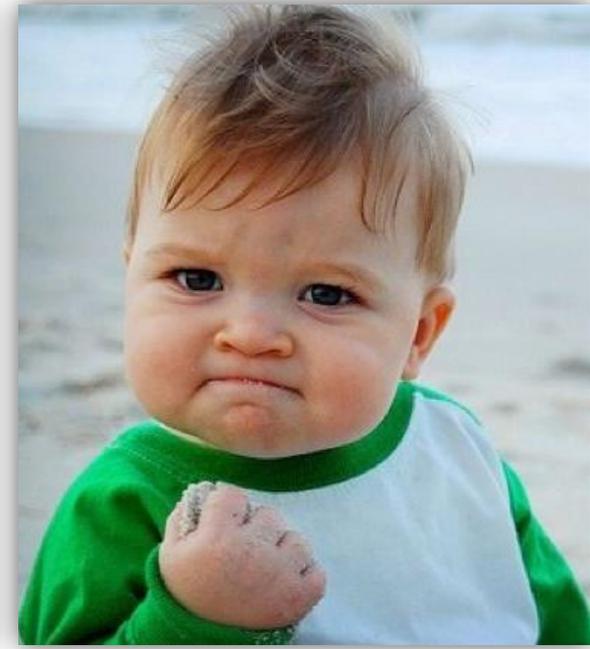
Douleur



Souffrance



Colère



Agressivité

A close-up, high-angle photograph of a baby's face. The baby has light skin and striking blue eyes, looking upwards and slightly to the left. The background is a soft, out-of-focus white. The text 'Anatomie descriptive' is overlaid in a blue, serif font with a white outline, positioned in the lower half of the image.

Anatomie
descriptive

Origine

2 origines, réelle et apparente:

O. Réelle

A partir des noyaux du tronc cérébral:

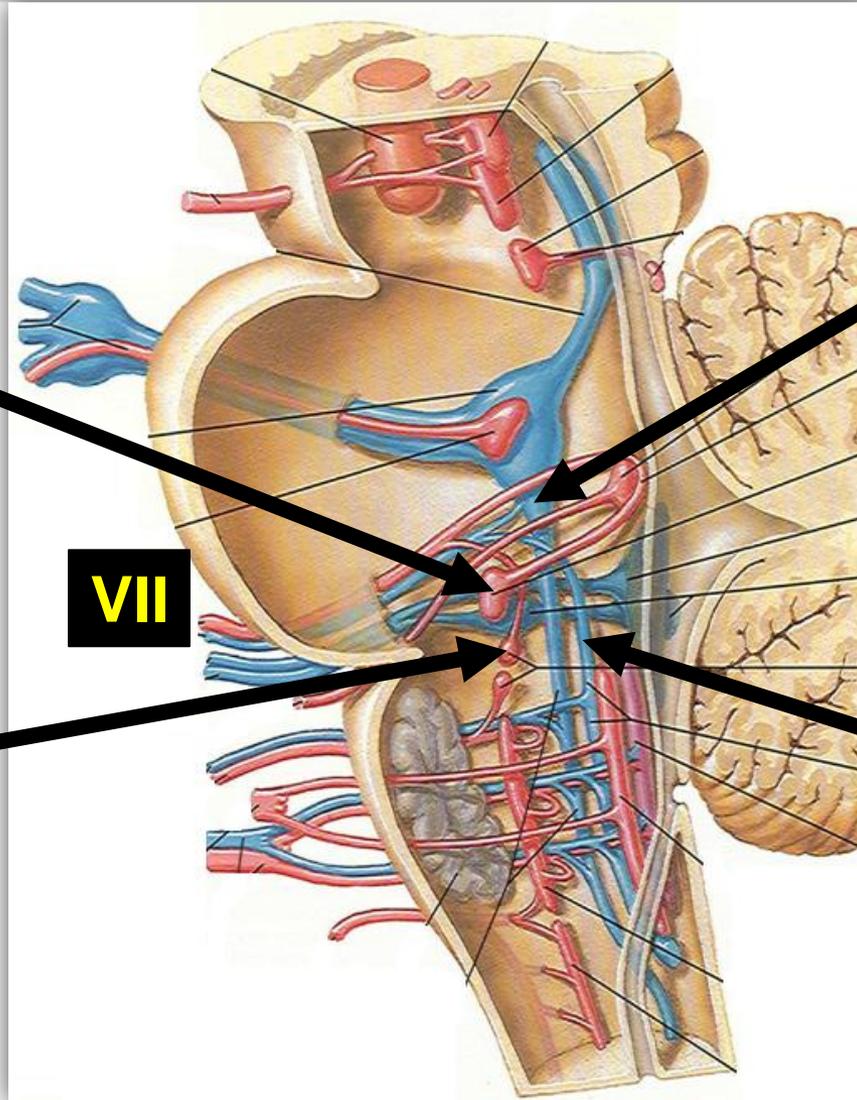
Noyau moteur
du VII

Noyau
salivaire
supérieur

VII

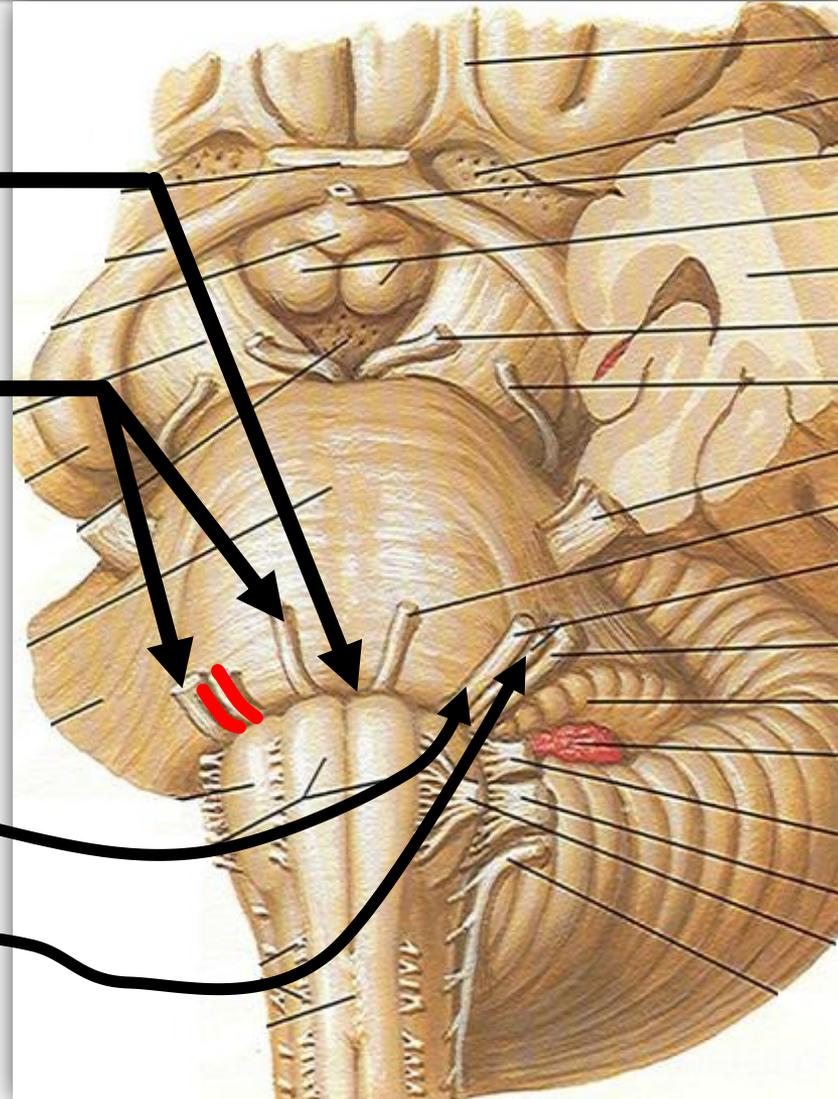
Noyau
lacrymo-nasal

Noyau
gustatif
du faisceau
solitaire



O. apparente

- Émerge du:
sillon bulbo-pontique
- Située entre:
VIII et **VI**
- Par **2 racines**:
 - Volumineuse, **motrice**
= **VII**
 - Grêle, **sensitive**
= **VII bis**
(intermédiaire de Wrisberg)

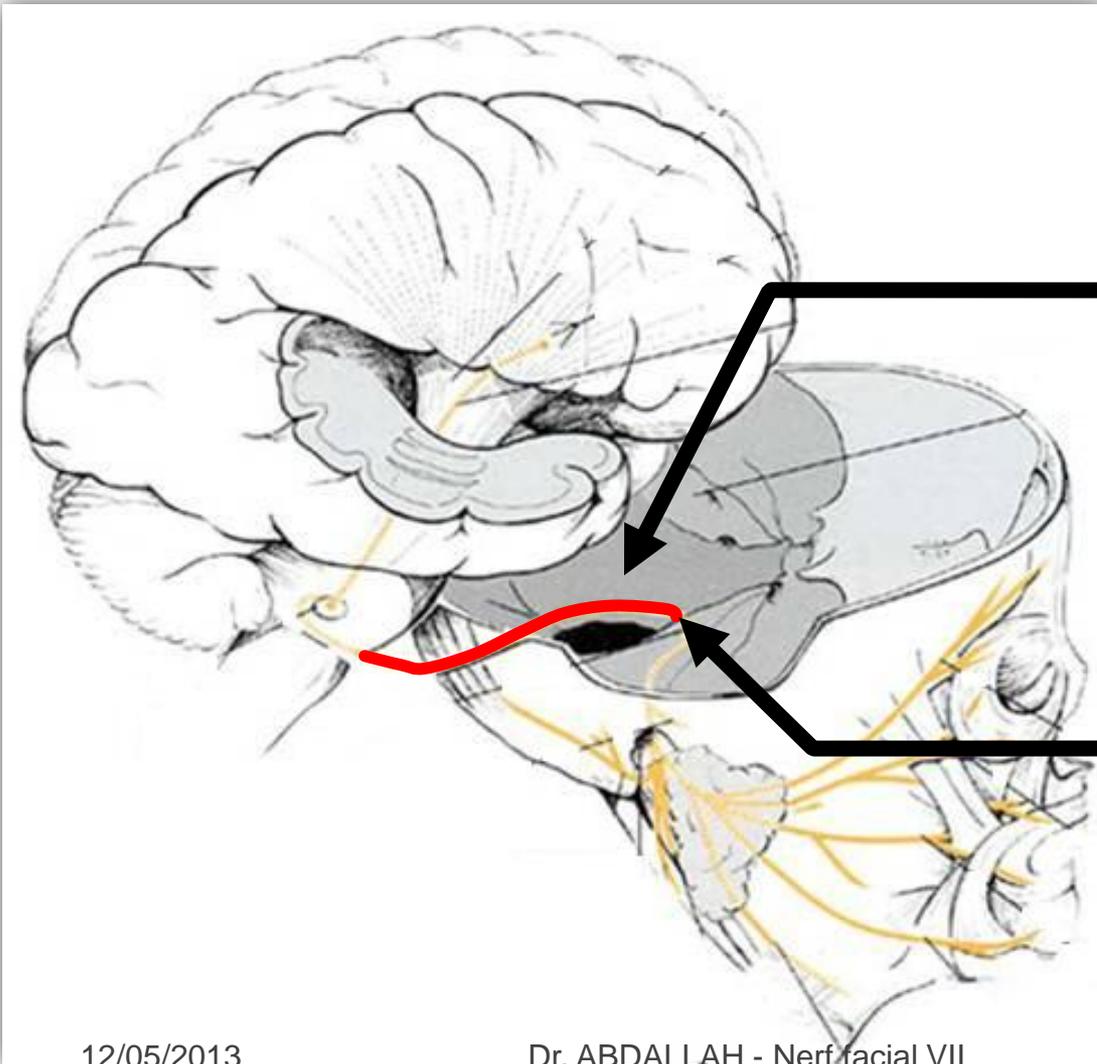


Trajeto

Il est **triple**...

(1) Facial intra-crânien

traverse:



(1) Fosse
crânienne
postérieure

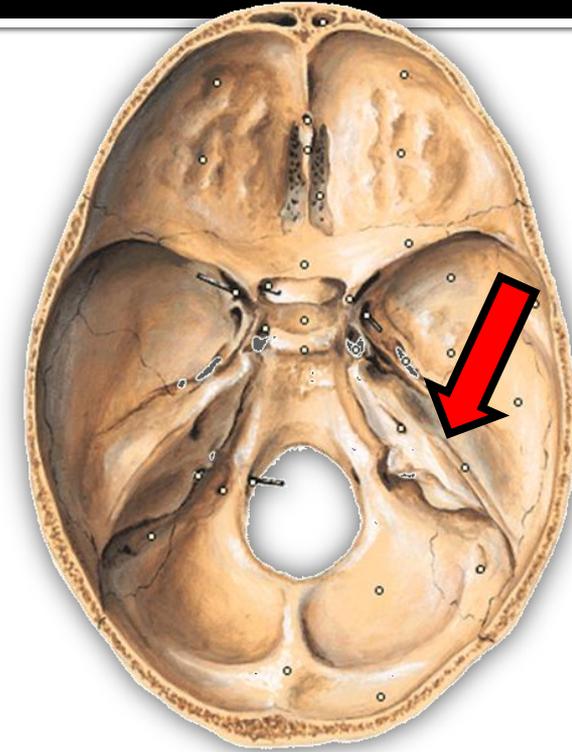
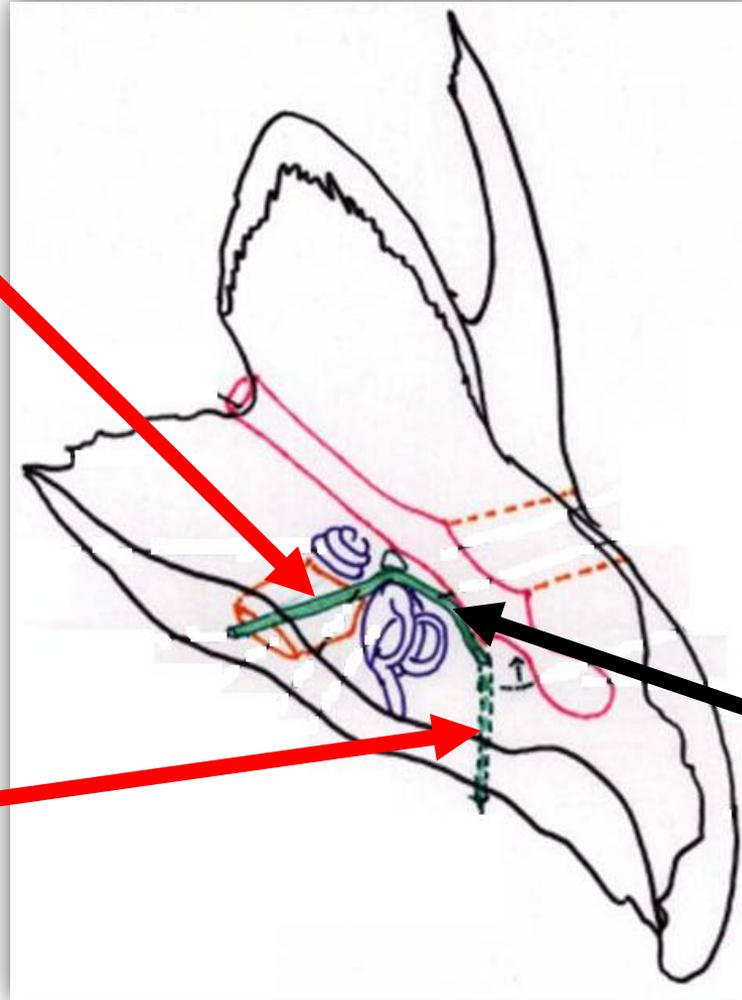
(2) Méat
acoustique
interne

(2) Facial intra-pétreux

traverse le canal facial (aqueduc de Fallope):

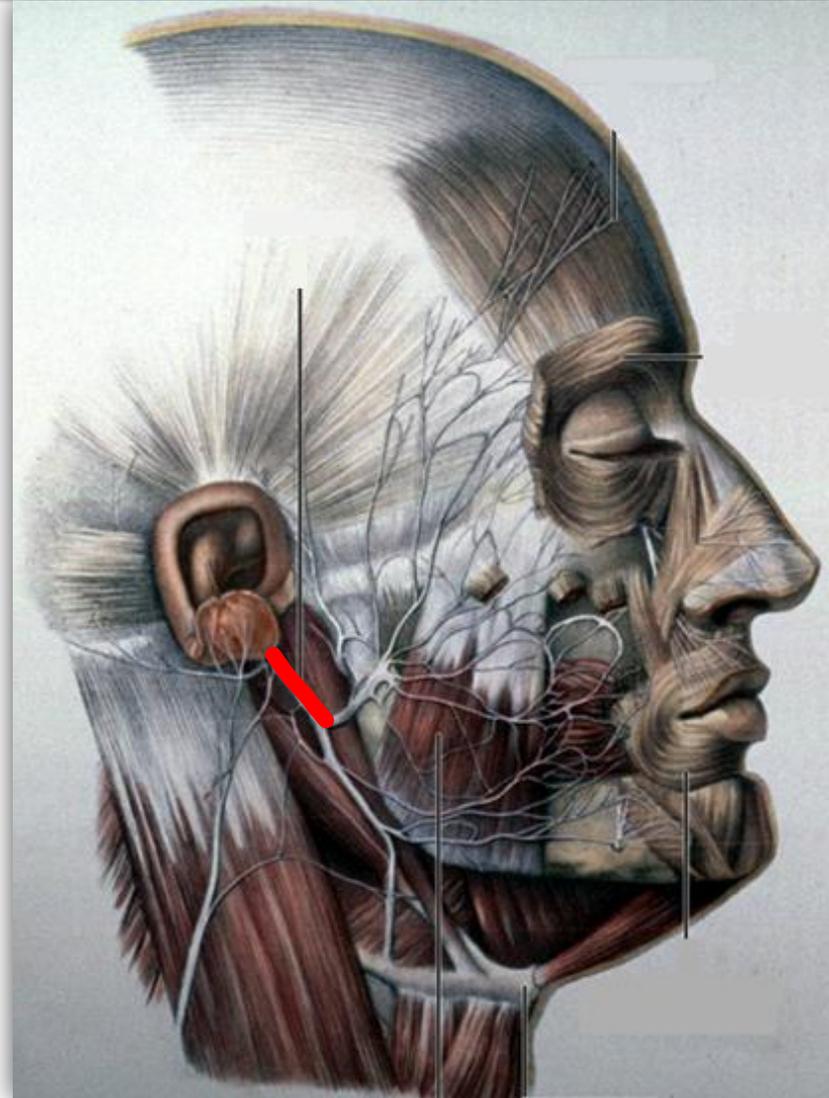
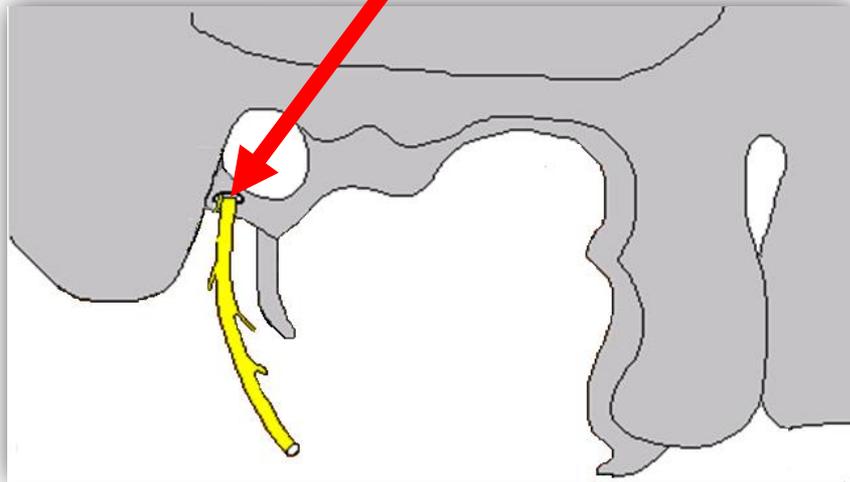
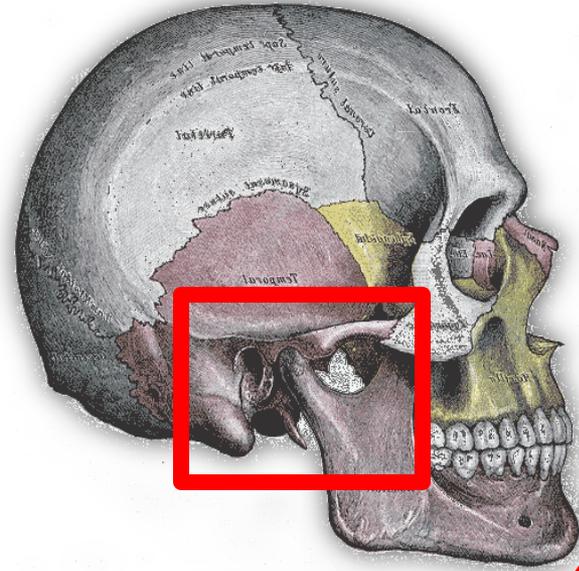
(1) Portion
labirynthique

(3) Portion
mastoi'dienne



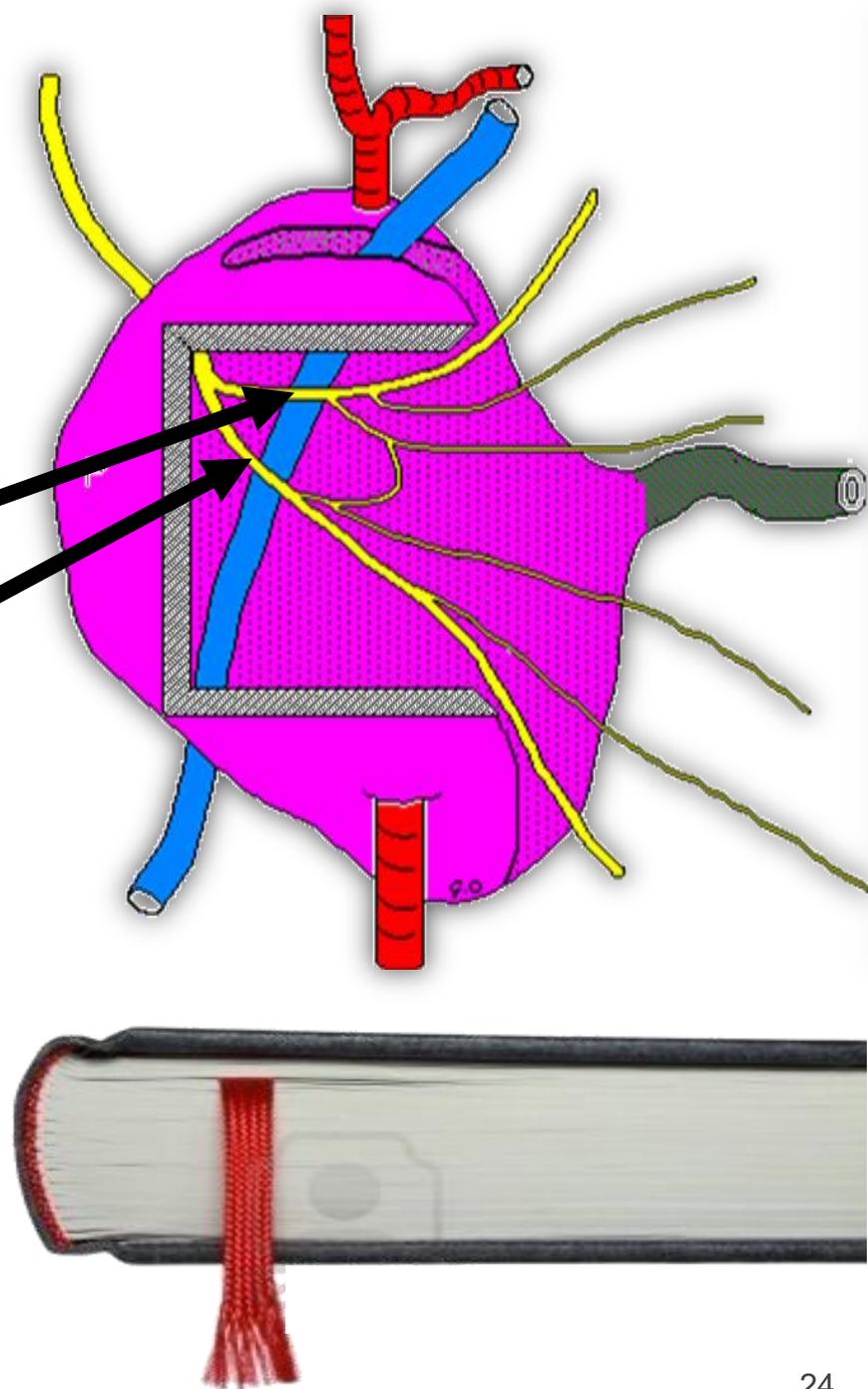
(2) Portion
tympanique

(3) Facial extra-crâniens en sortant du foramen stylo-mastoidien



Terminaison

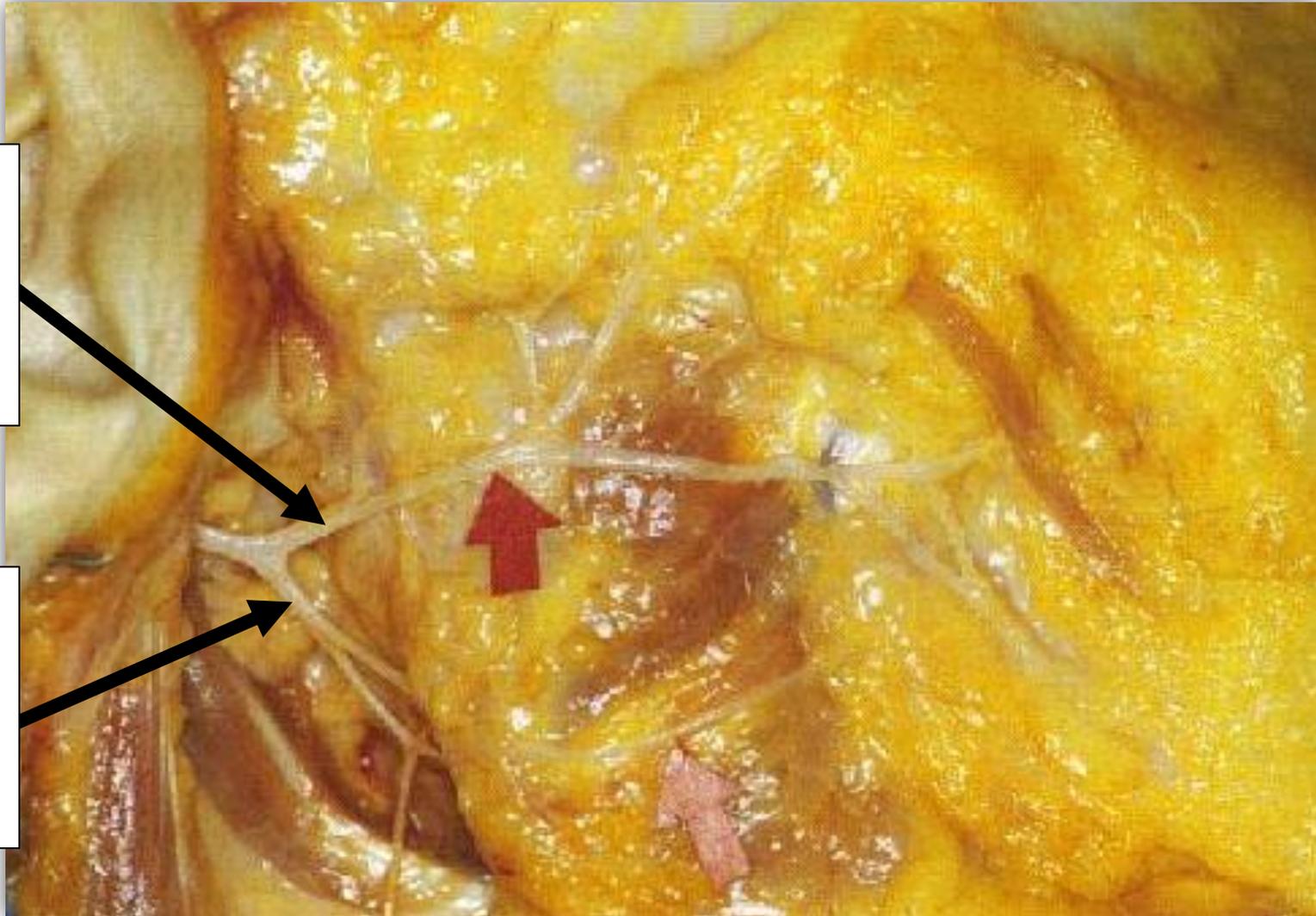
- Dans: **parotide**
- En **2 branches**:
 - **temporo-faciale**
 - **cervico-faciale**
- Partage la parotide en **2 parties** comme « *un signet d'un livre* »



Division terminale du nerf facial droit visible après une parotidectomie totale

**Branche
temporo-
faciale**

**Branche
cervico-
faciale**

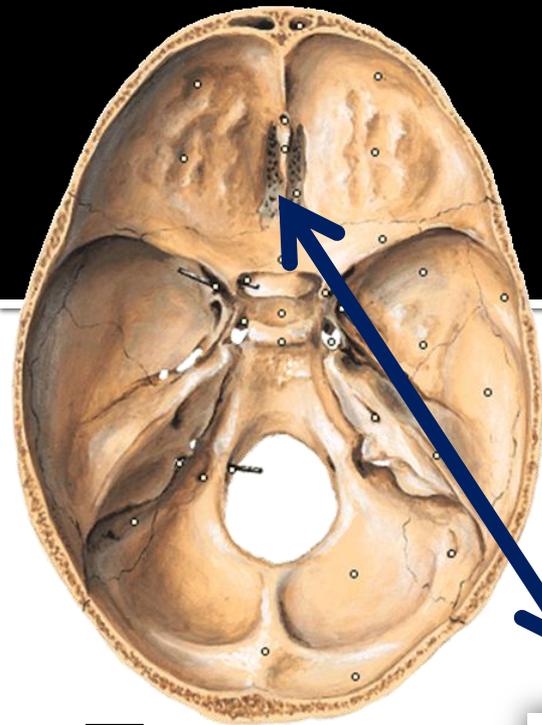




Distribution

Branches collatérales

Branches intra-pétreuses



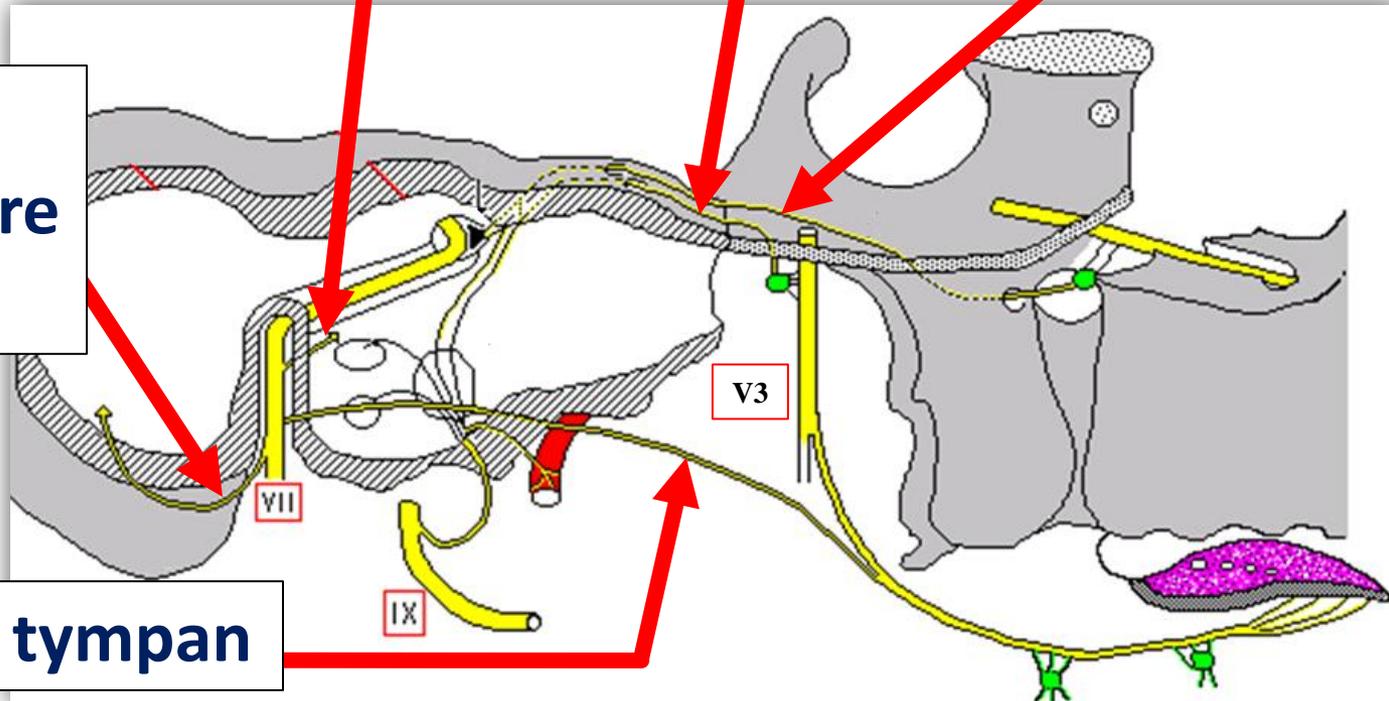
Nerf
stapédien

Nerf petit
pétreux

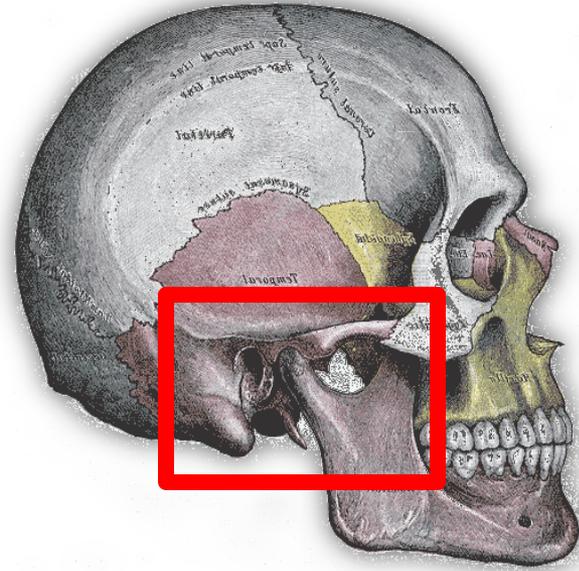
Nerf grand
pétreux

Nerf
auriculaire
interne

Corde du tympan



Branches extra-pétreuses

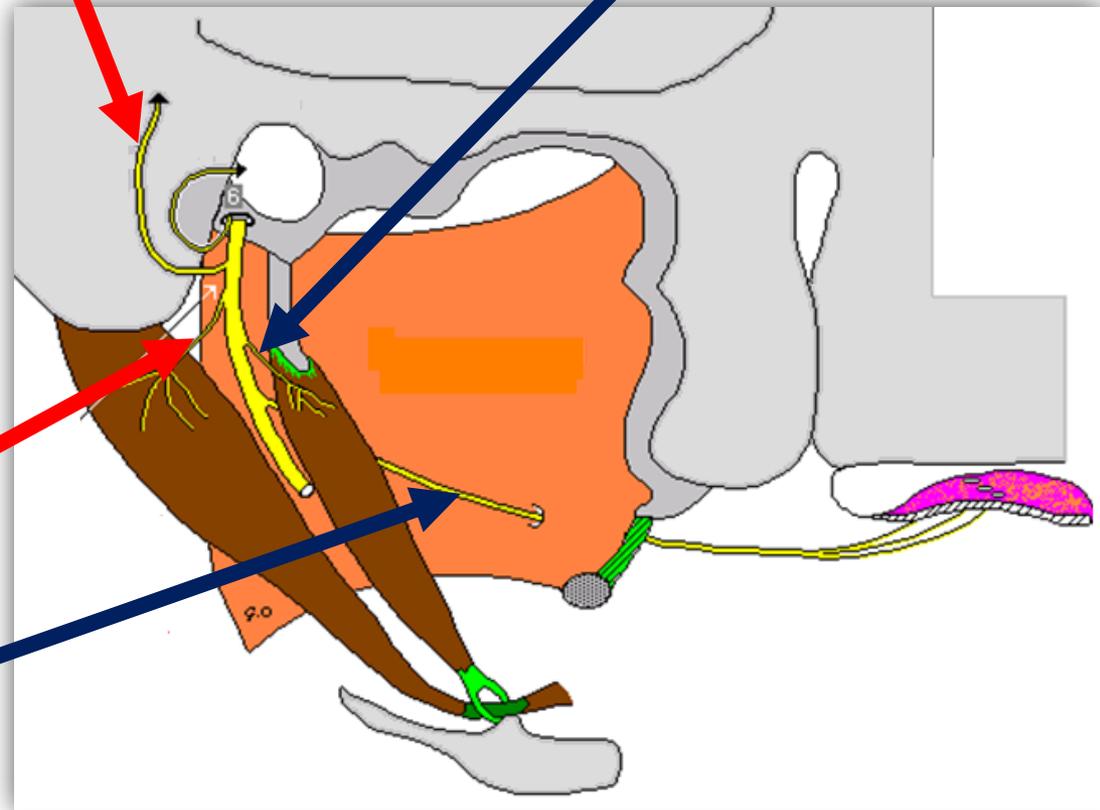


Nerf auriculaire
postérieur

Rameau
stylo-hyoïdien

Rameau digastrique

Rameau lingual

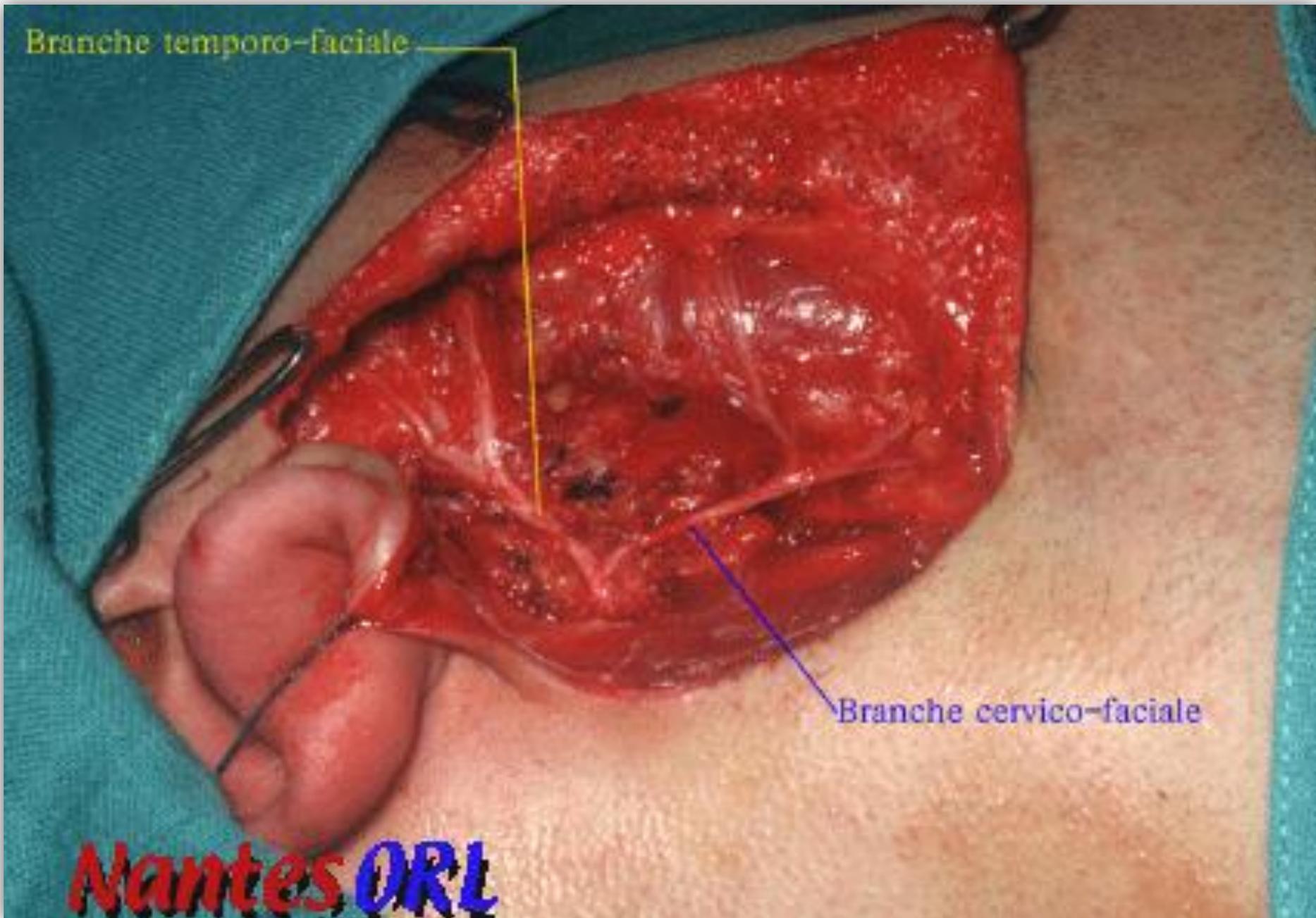


**Branches
terminales**

Branche temporo-faciale

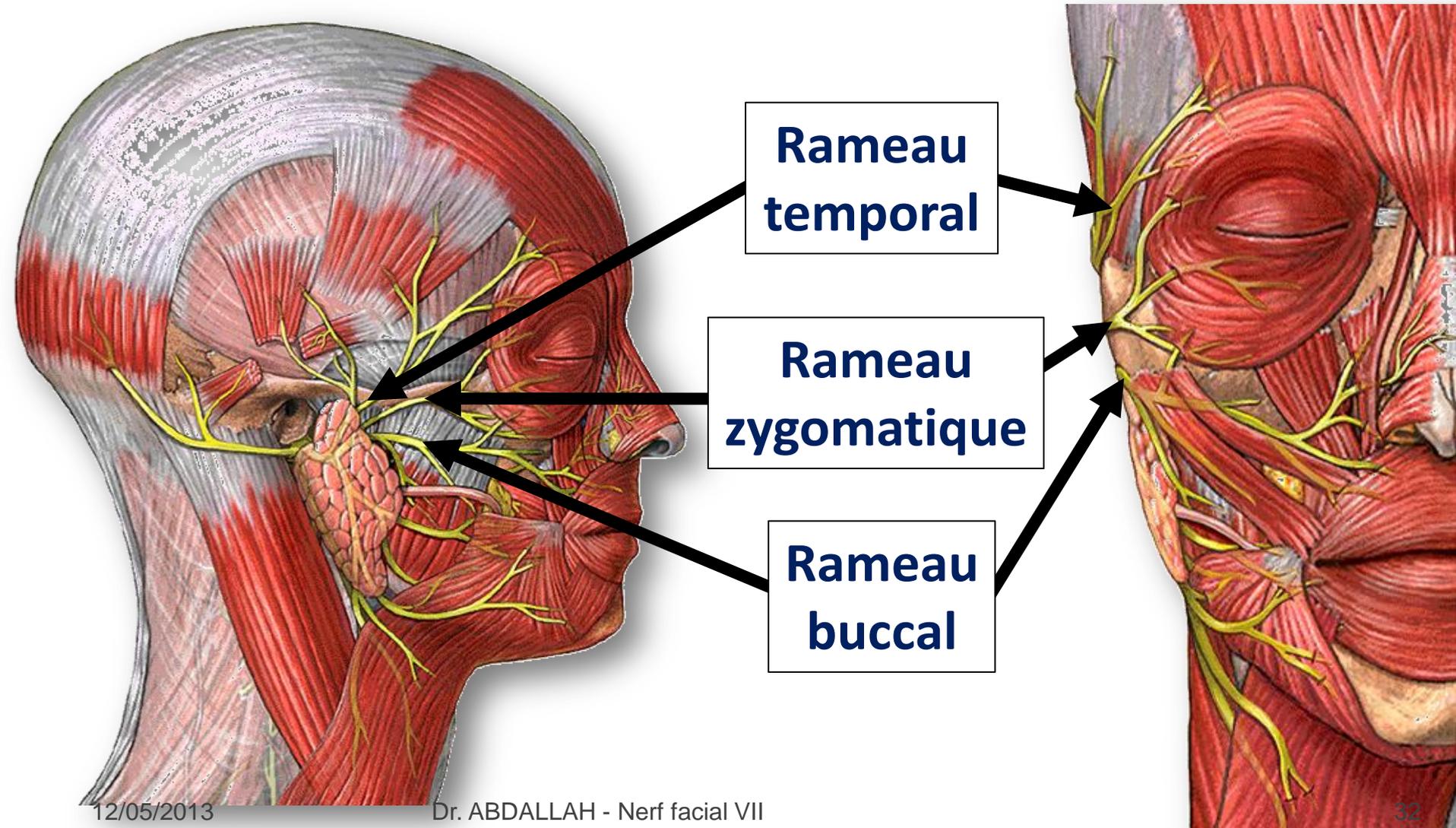
Branche cervico-faciale

Nantes ORL



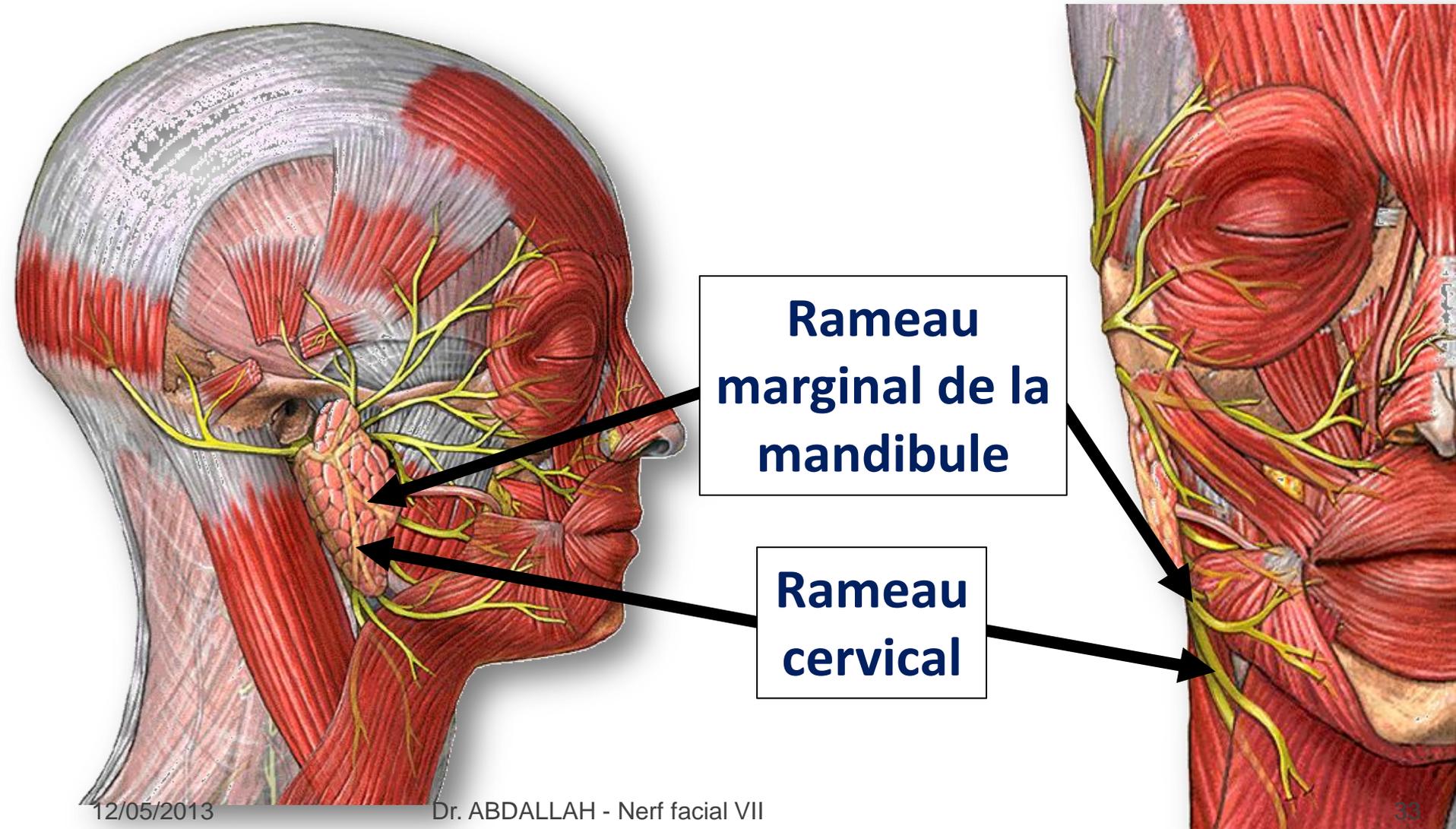
Branche temporo-faciale

donne 3 rameaux



Branche cervico-faciale

donne de 2 rameaux





A close-up photograph of a young girl with dark skin and short hair, smiling broadly. She is wearing a dark blue collared shirt. The background is a lush green field of crops, likely corn, under bright daylight. The text 'Anatomie fonctionnelle' is overlaid on the image in a stylized font.

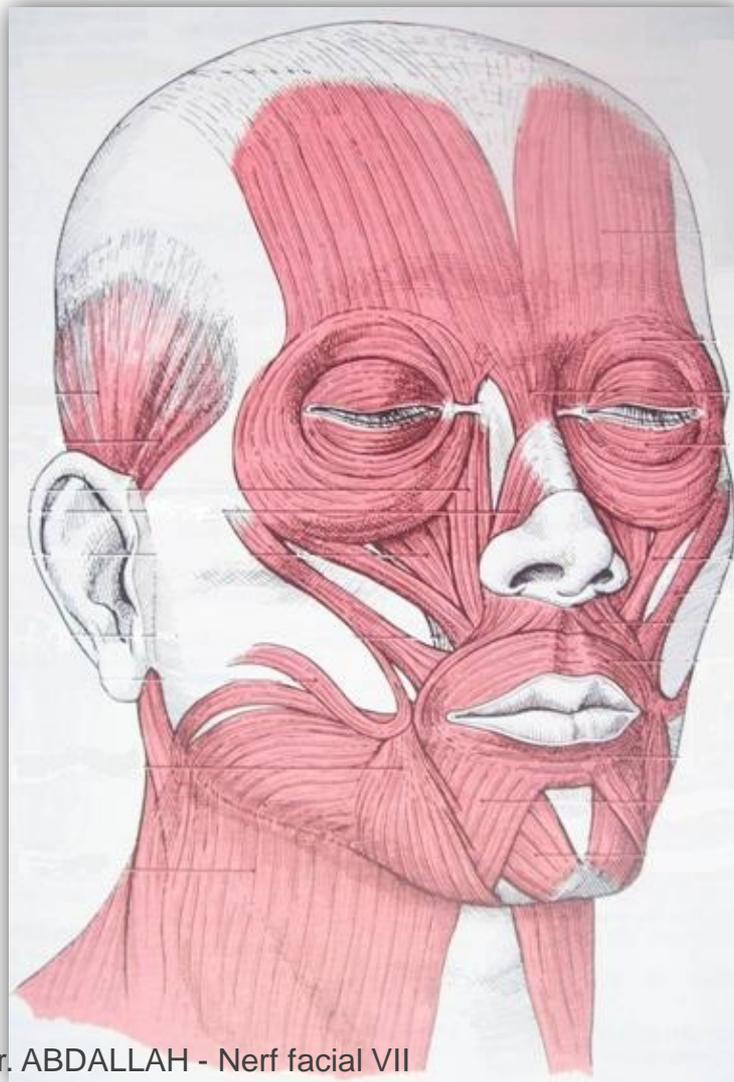
Anatomie
fonctionnelle

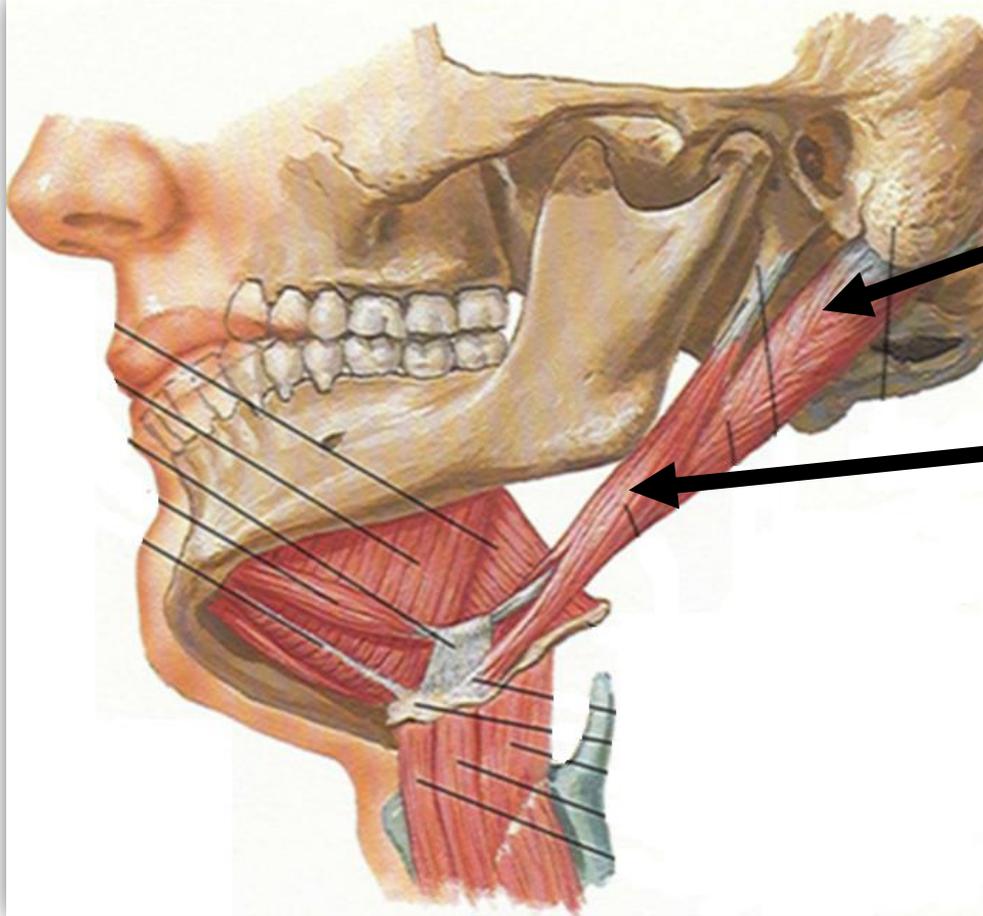
VII

moteur

Innerve **les muscles:**

Les peauciers de la face:

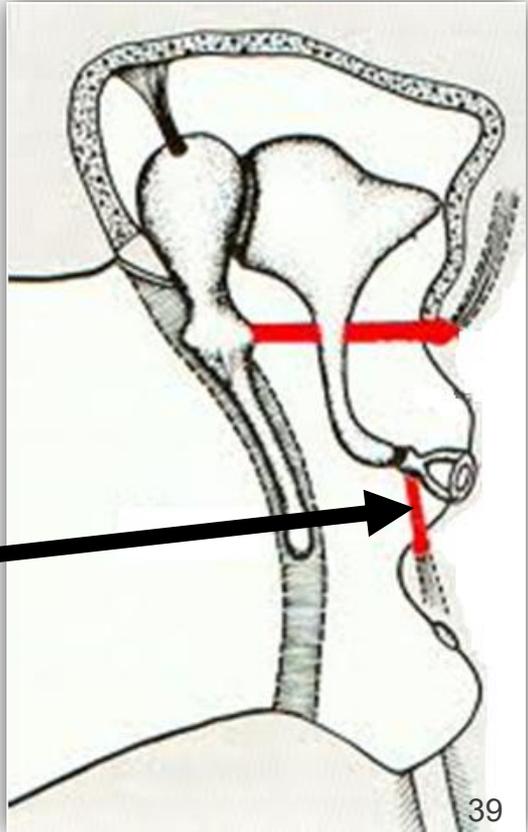




Digastrique
(ventre postérieur)

Stylo-hyoïdien

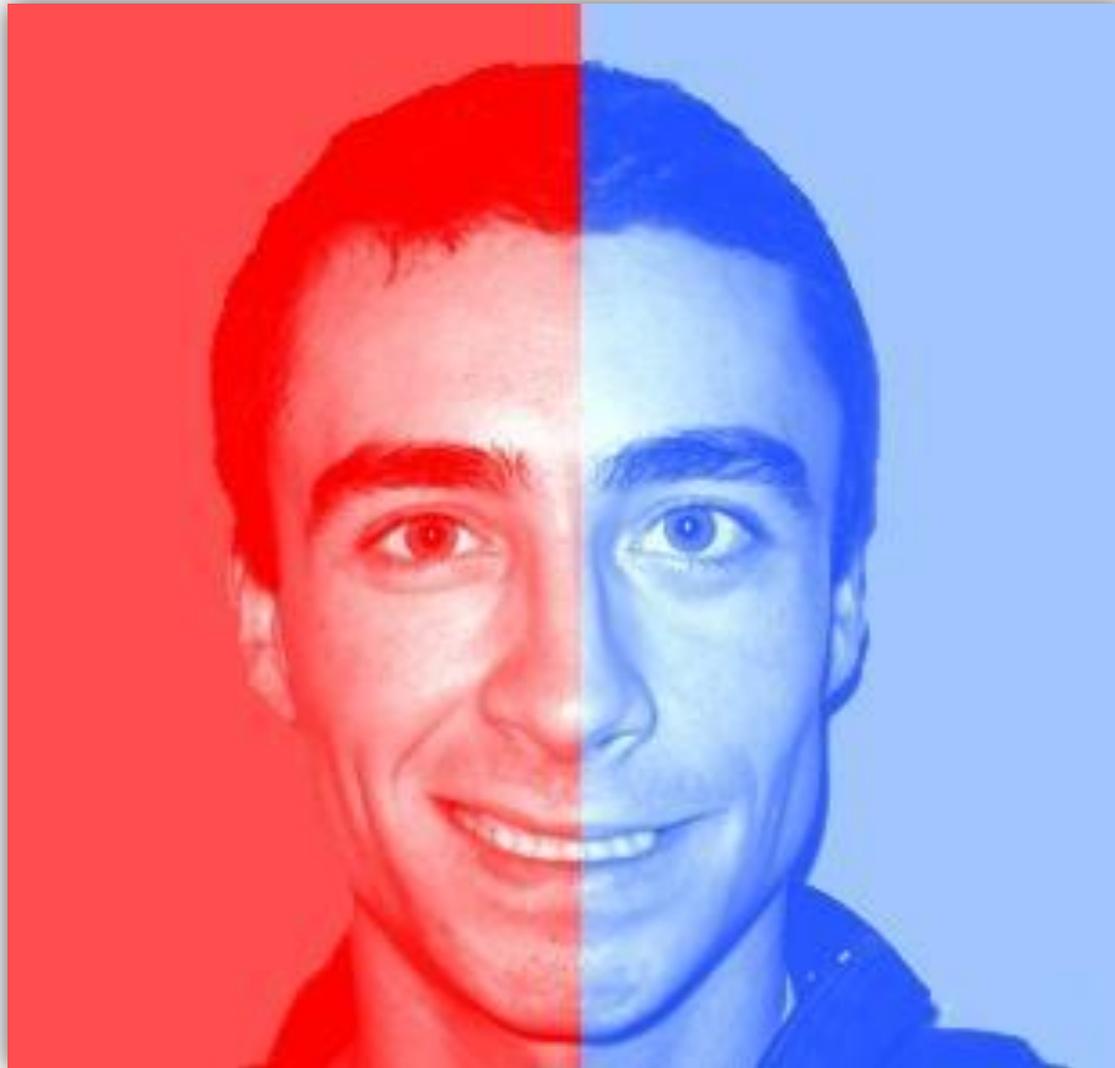
Muscle de l'étrier



Atteintes: paralysie faciale



Paralysie faciale = Asymétrie du visage



VII

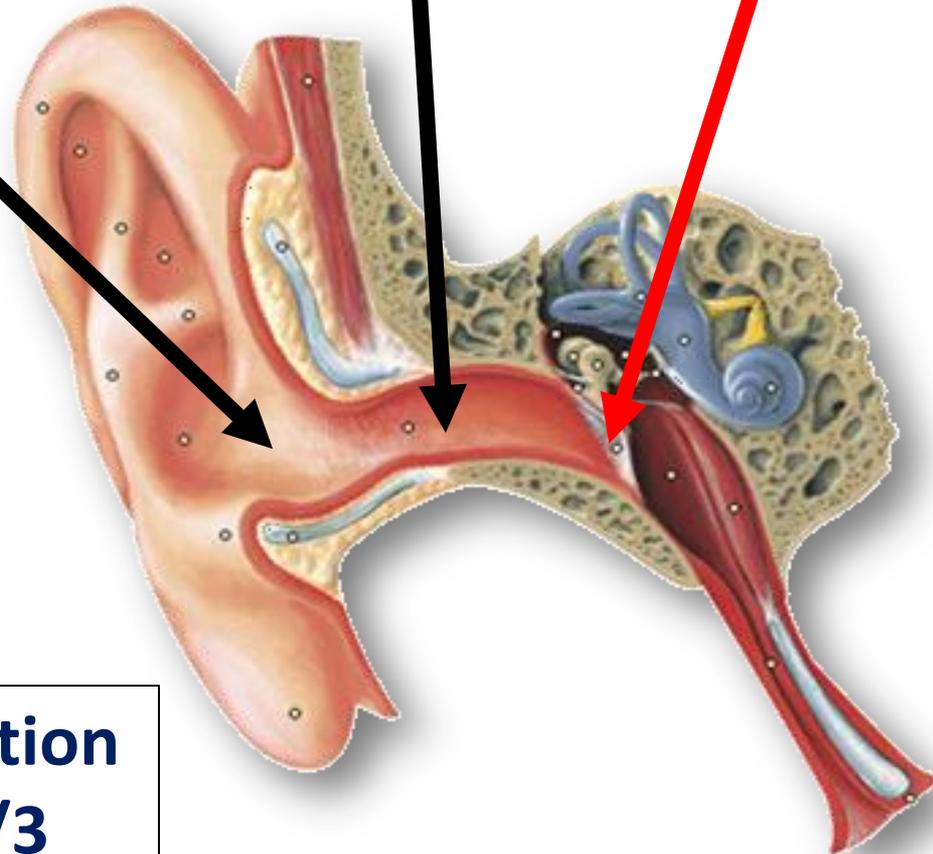
sensitif

Véhicule **la sensibilité** de:

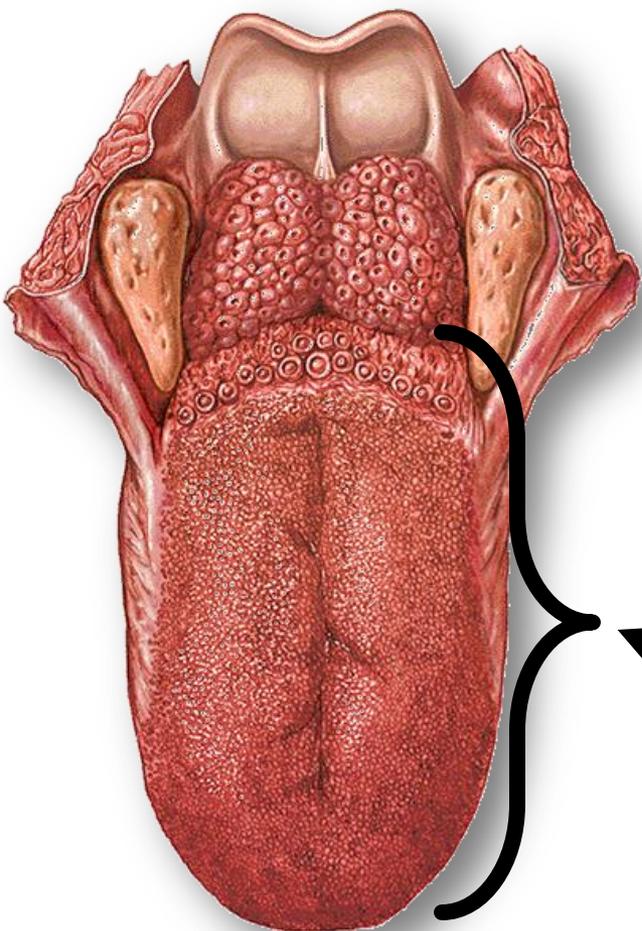
Conque
(zone de Ramsay-Hunt)

Conduit auditif externe

Tympan



**Gustation
des 2/3
antérieurs
de langue**



Atteintes

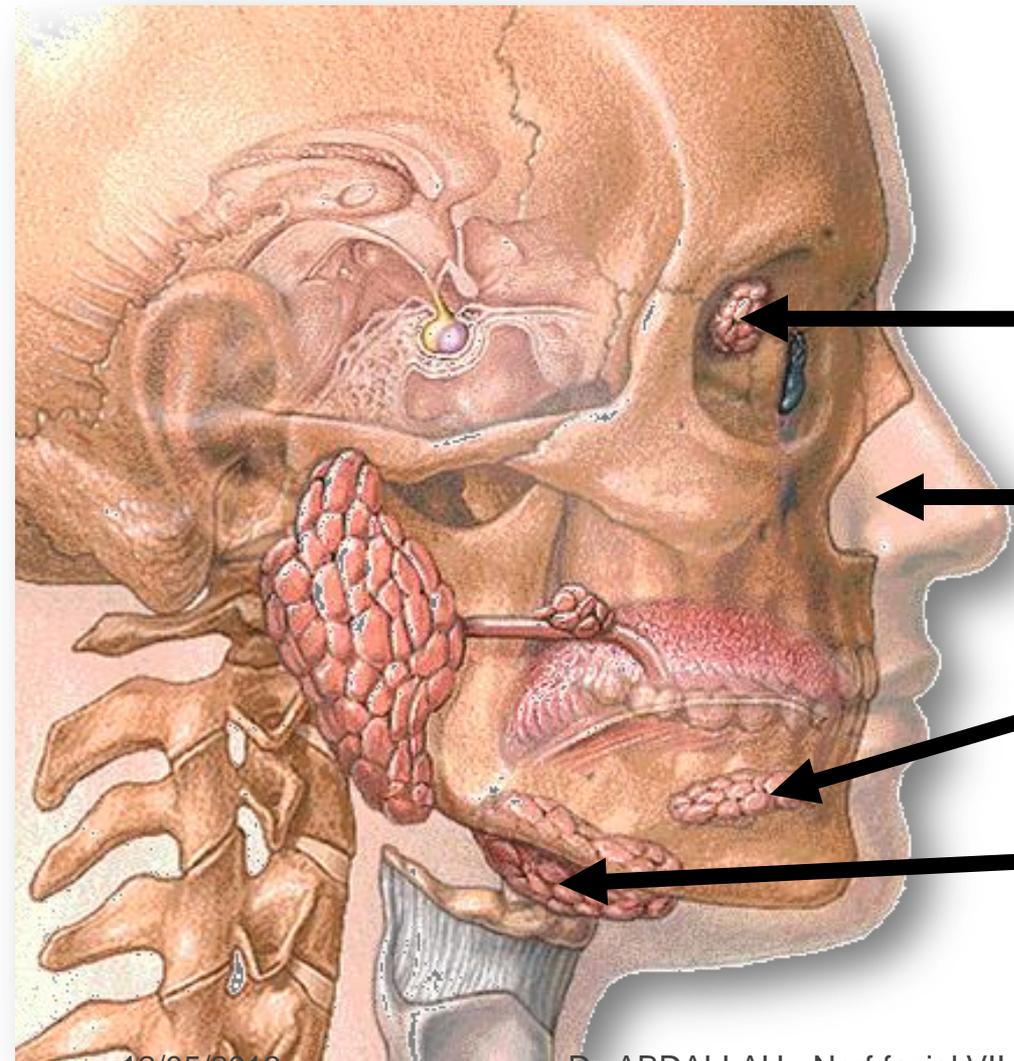
- **Troubles de sensibilité**
(douleurs, hypoesthésie, anesthésie)
- **Zona géniculé**
(au niveau de conque)
- **Hypoguesie**
ou **agueusie**



VII

végétatif

Commande **la sécrétion des glandes:**



Lacrymales

Nasales

Sublinguales

Submandibulaires

Atteintes

- **Troubles de la sécrétion glandulaire**
(augmentation ou diminution)