

Obstruction nasale architecturale Rhinoseptoplastie fonctionnelle

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Service d'ORL et chirurgie cervico-faciale

Hôpital Edouard Herriot

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Anatomie du nez

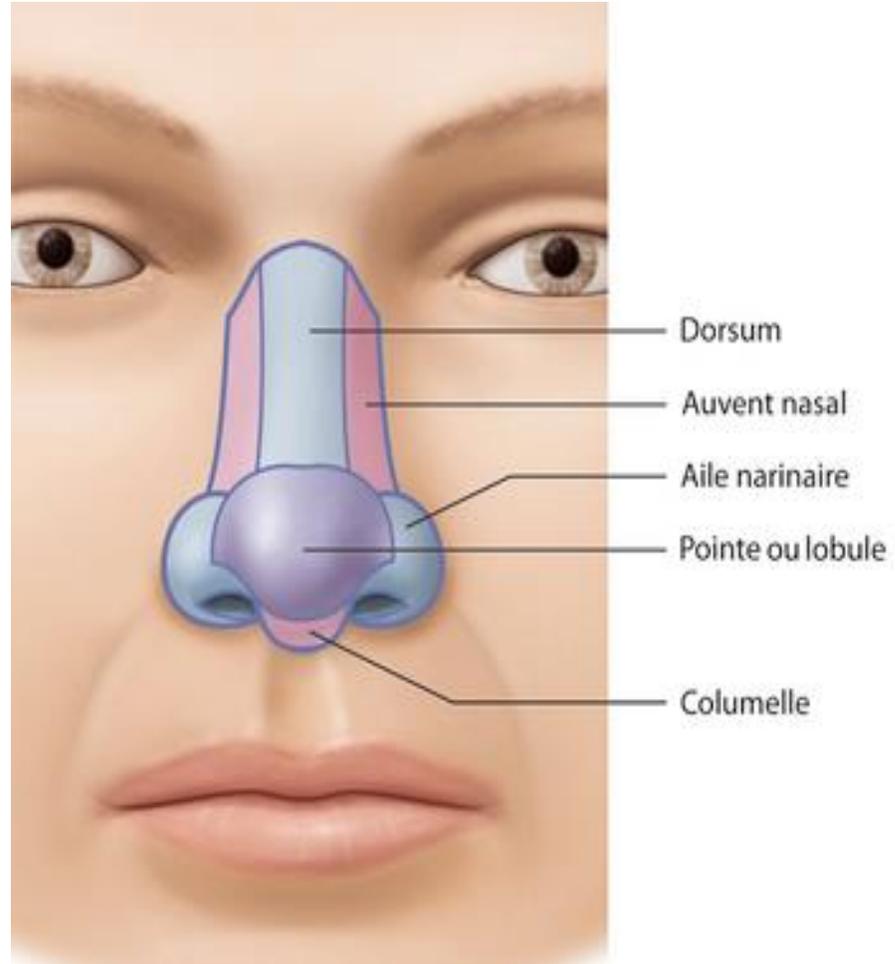
Causes architecturales de l'obstruction nasale

- Déviation rhino-septale
- Valve nasale interne et externe
- Hypertrophie turbinale
- Syndrome du nez vide

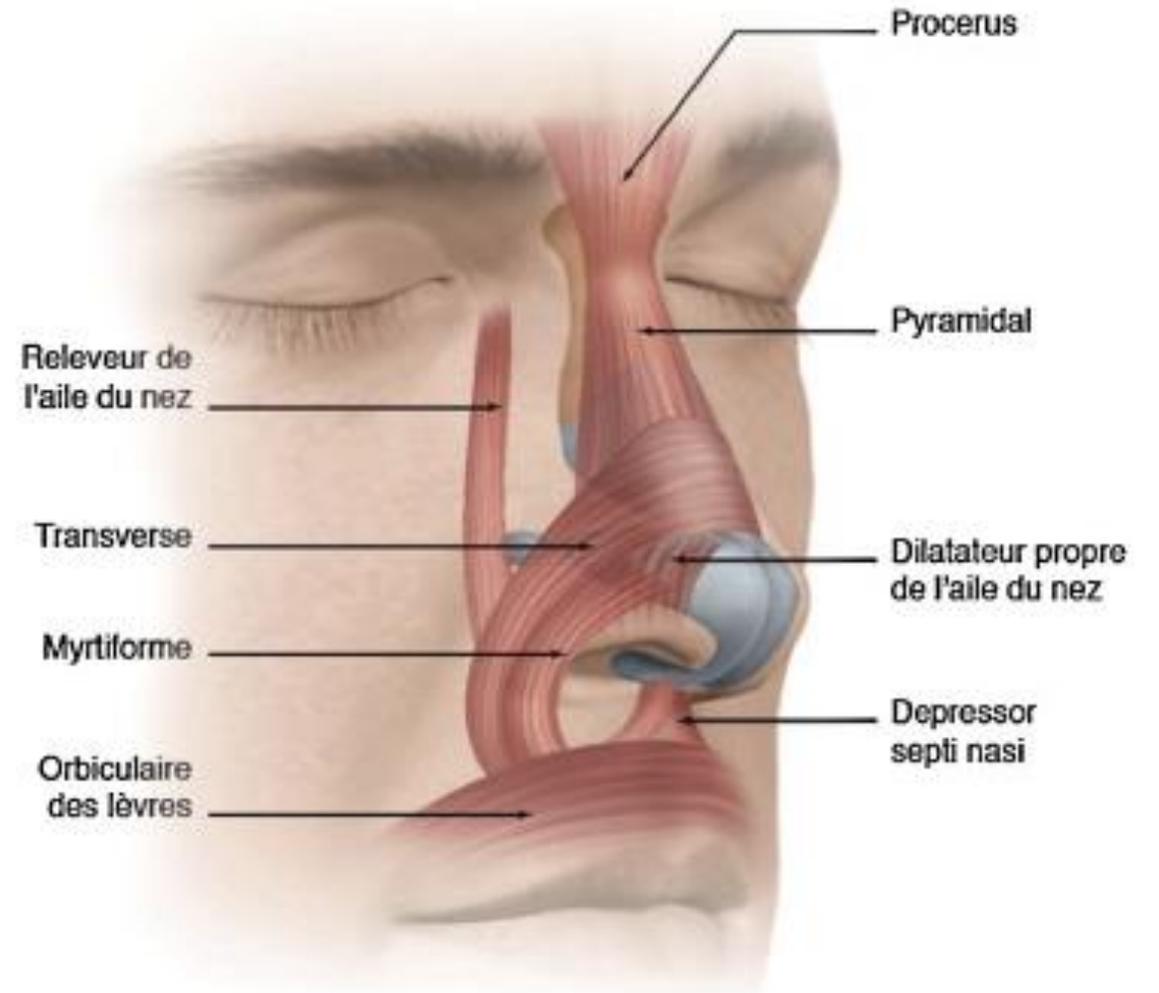
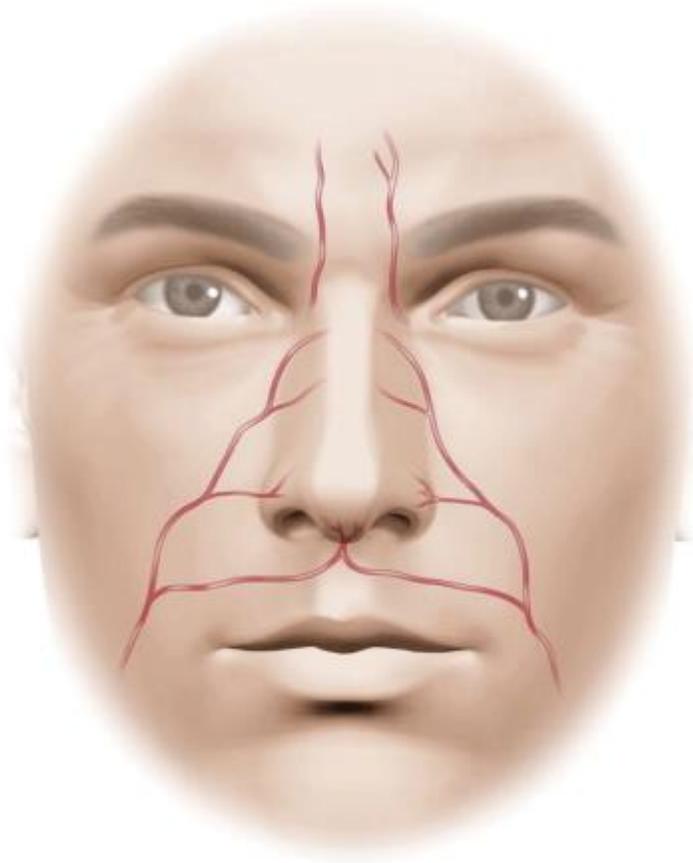
Exemples de rhinoseptoplastie fonctionnelle

Anatomie du nez

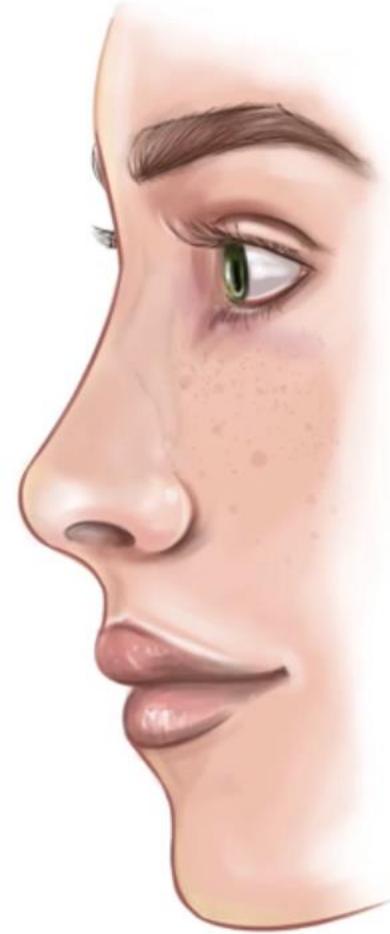
Sous-unités esthétiques



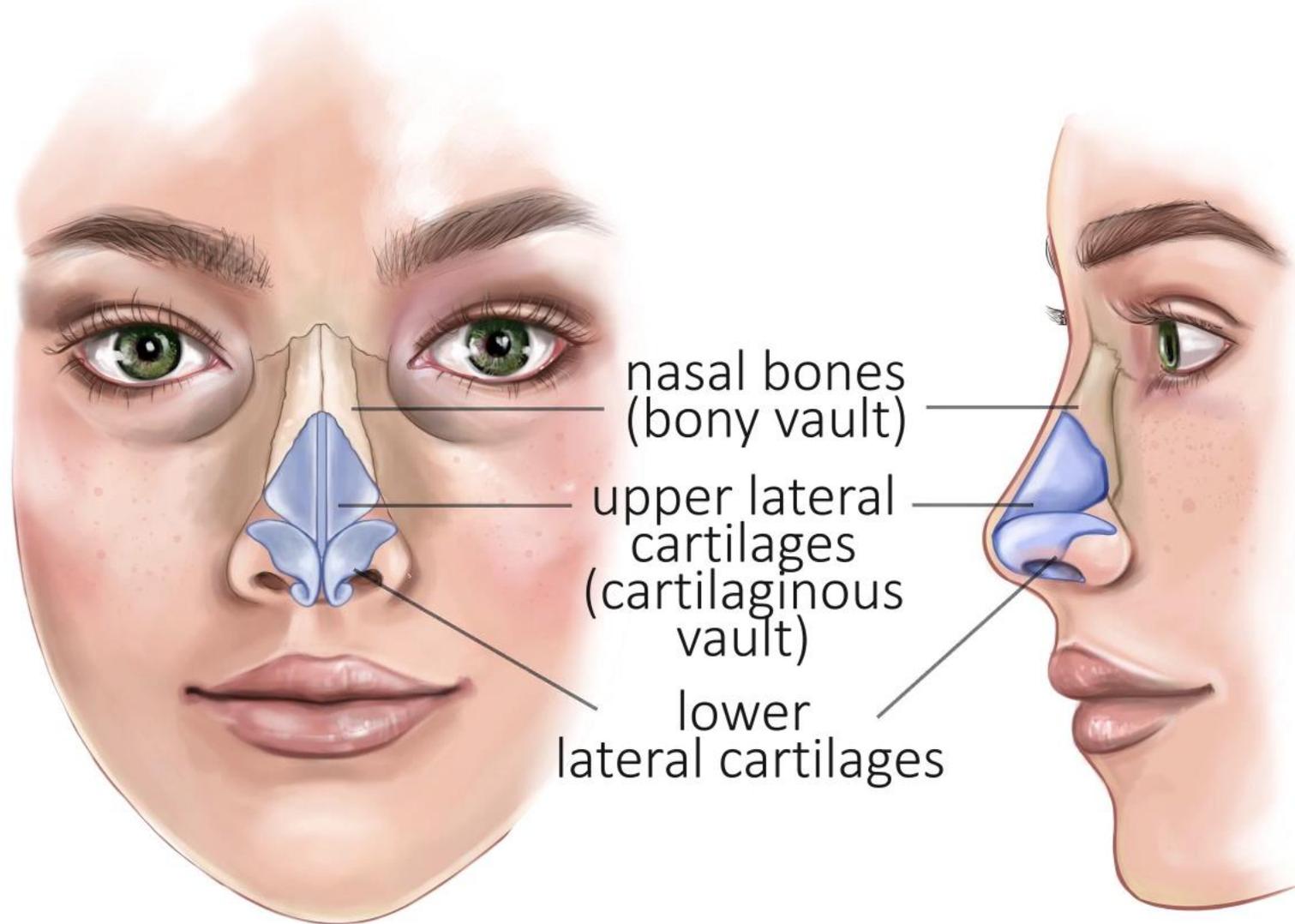
Enveloppe musculo-cutanée



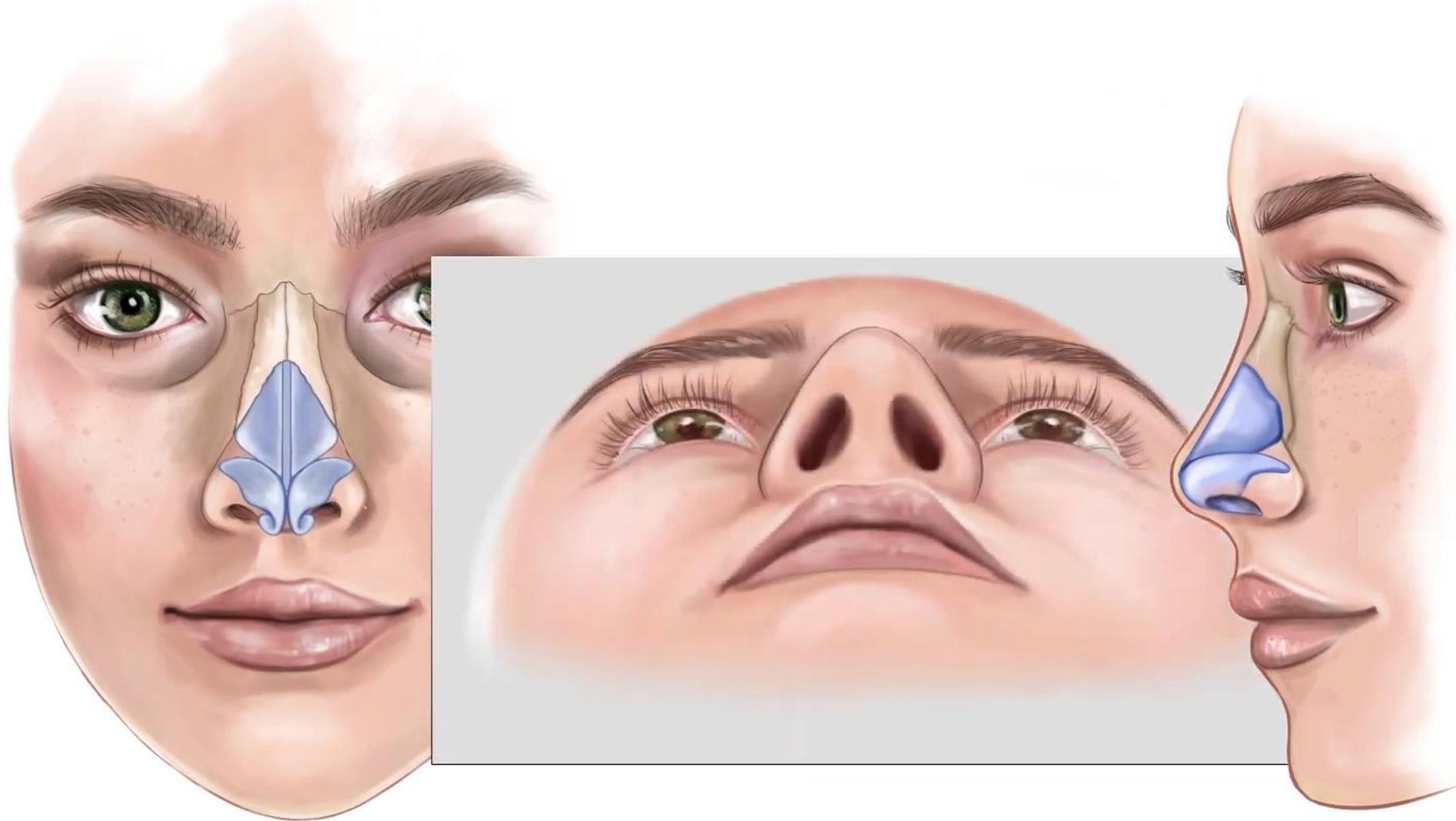
Charpente ostéo-cartilagineuse



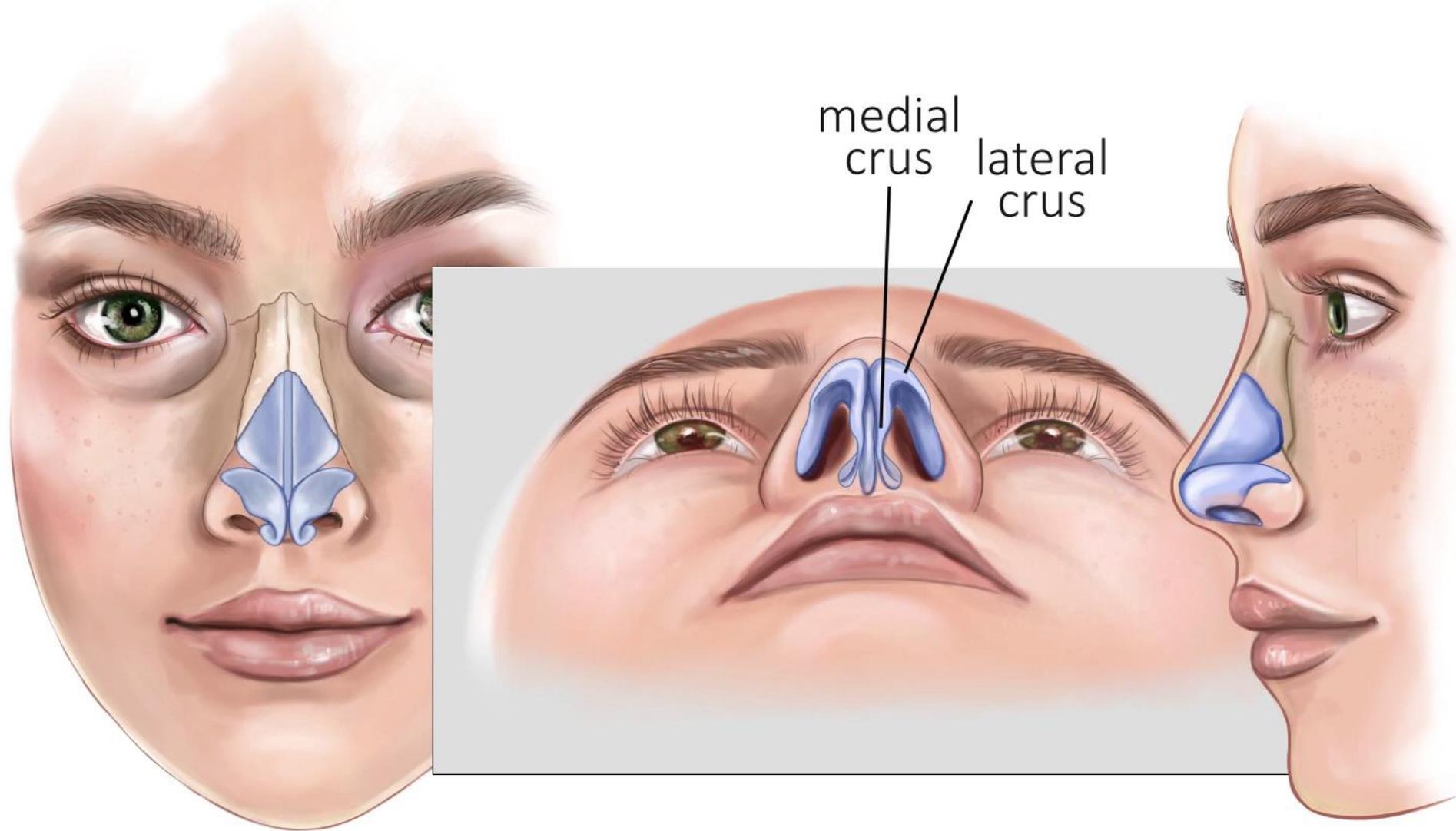
Charpente ostéo-cartilagineuse



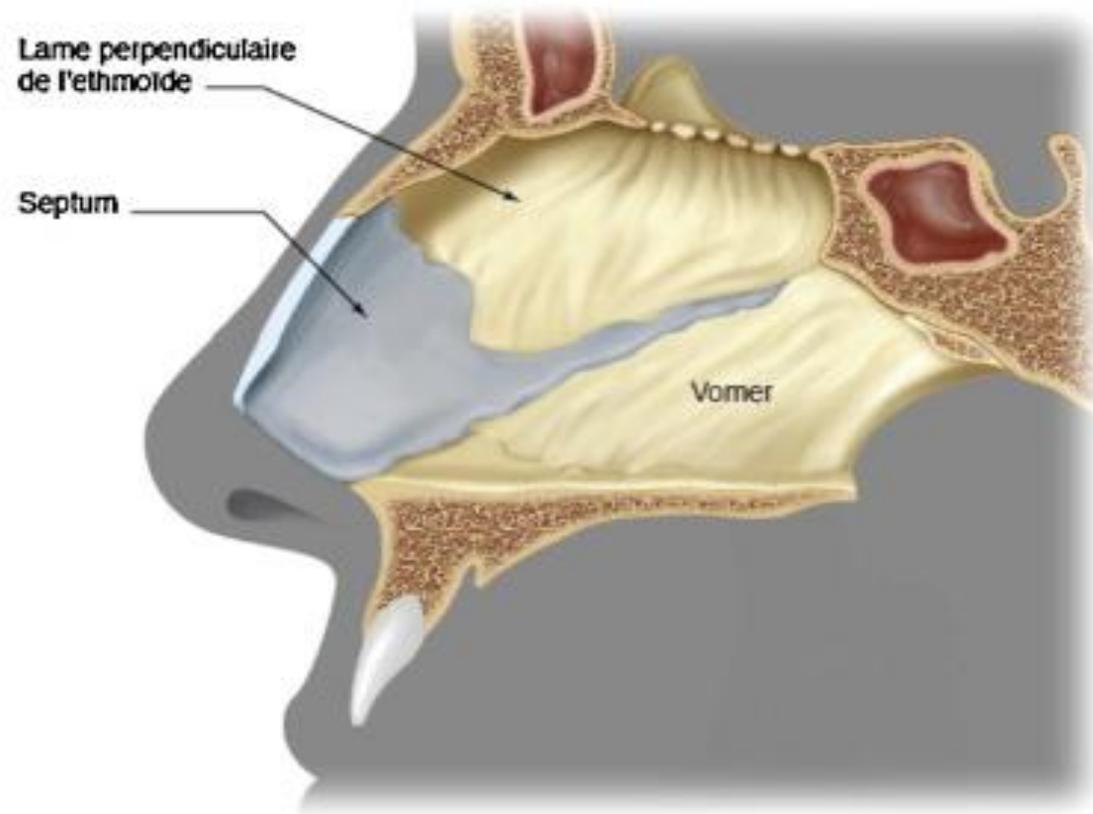
Charpente ostéo-cartilagineuse



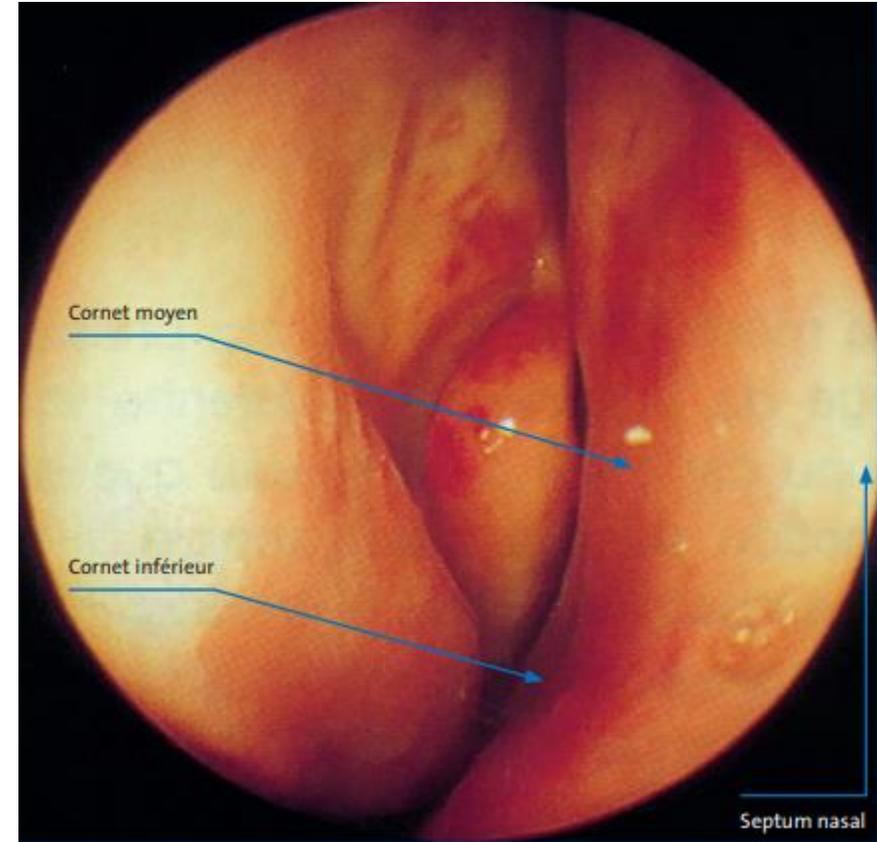
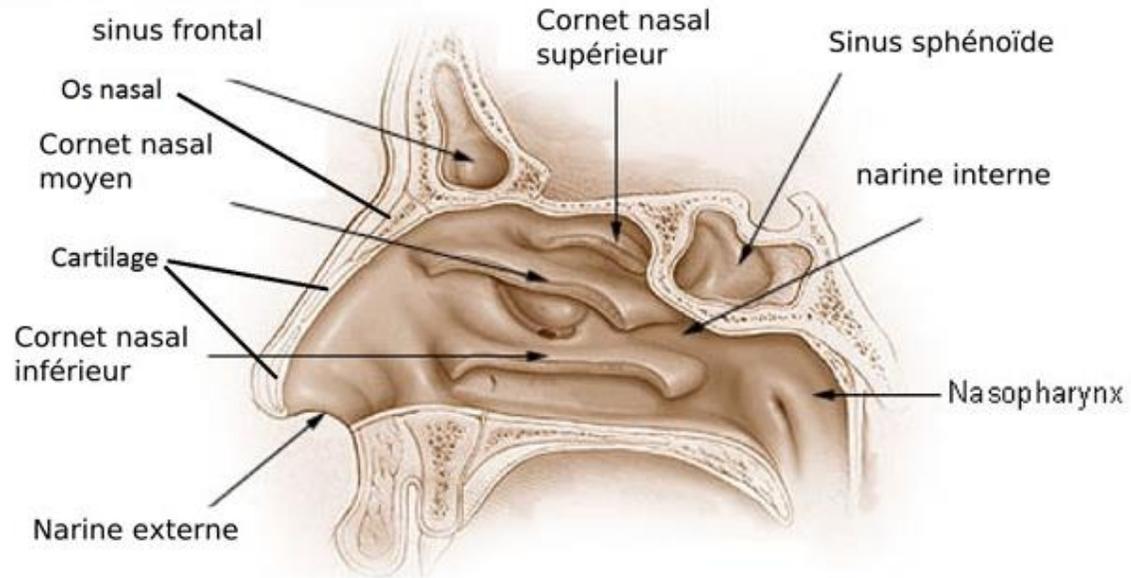
Charpente ostéo-cartilagineuse



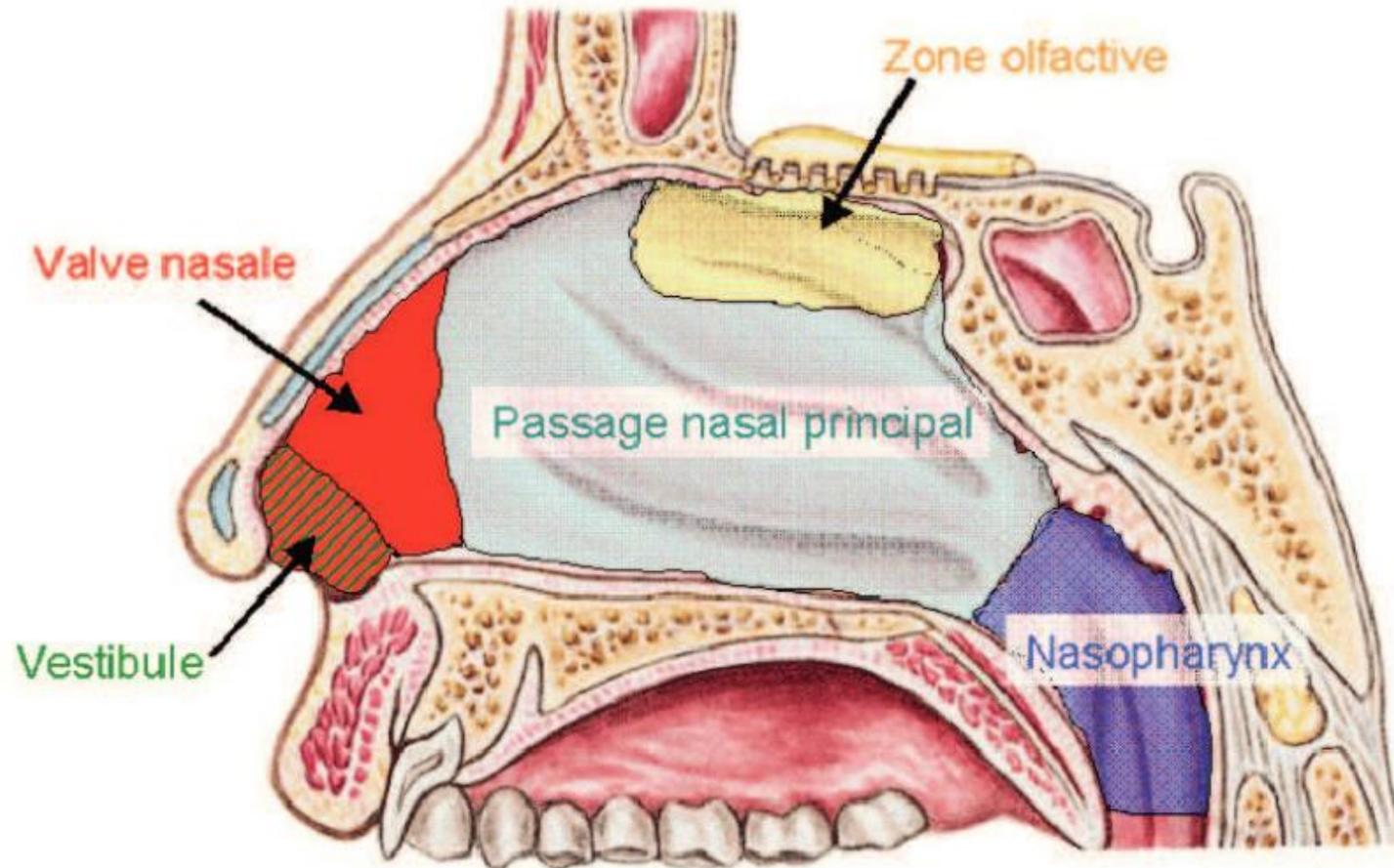
Le septum



Les cornets



Anatomie fonctionnelle



Nez normal

Symétrie



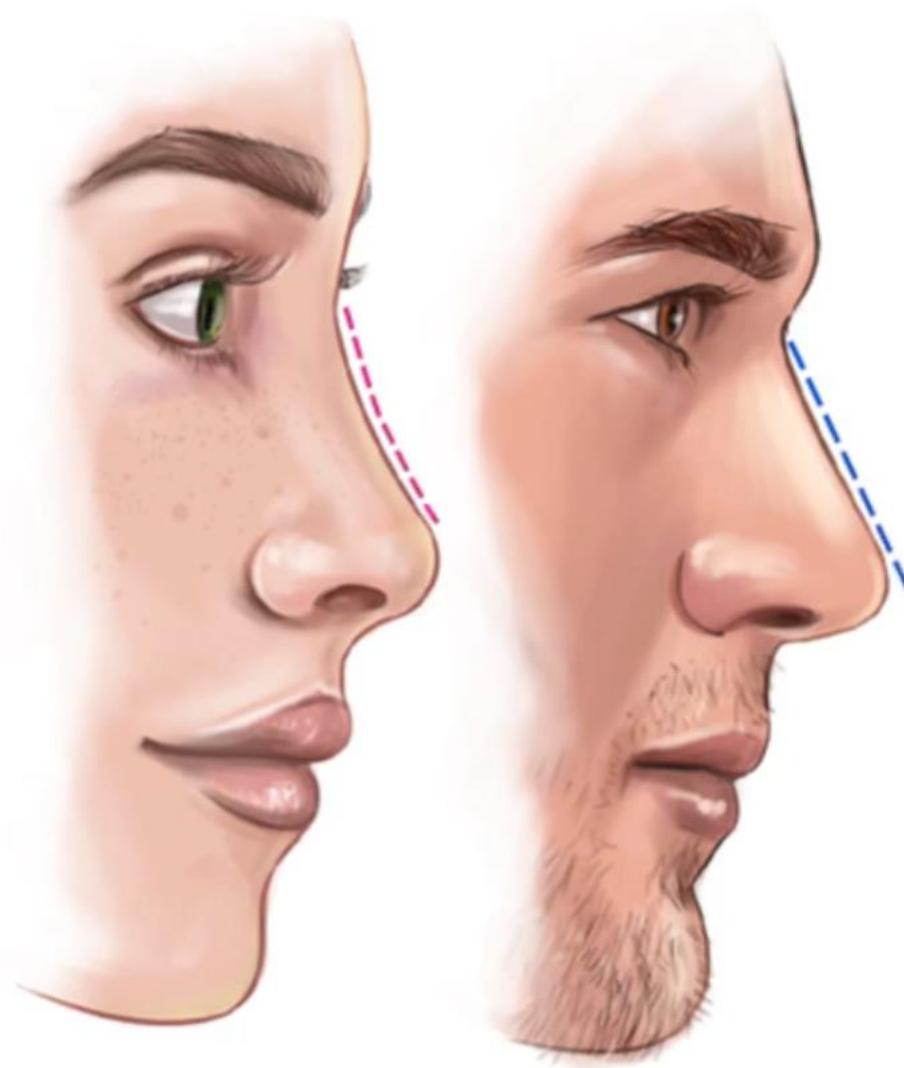
Nez normal

Lignes de Sheen



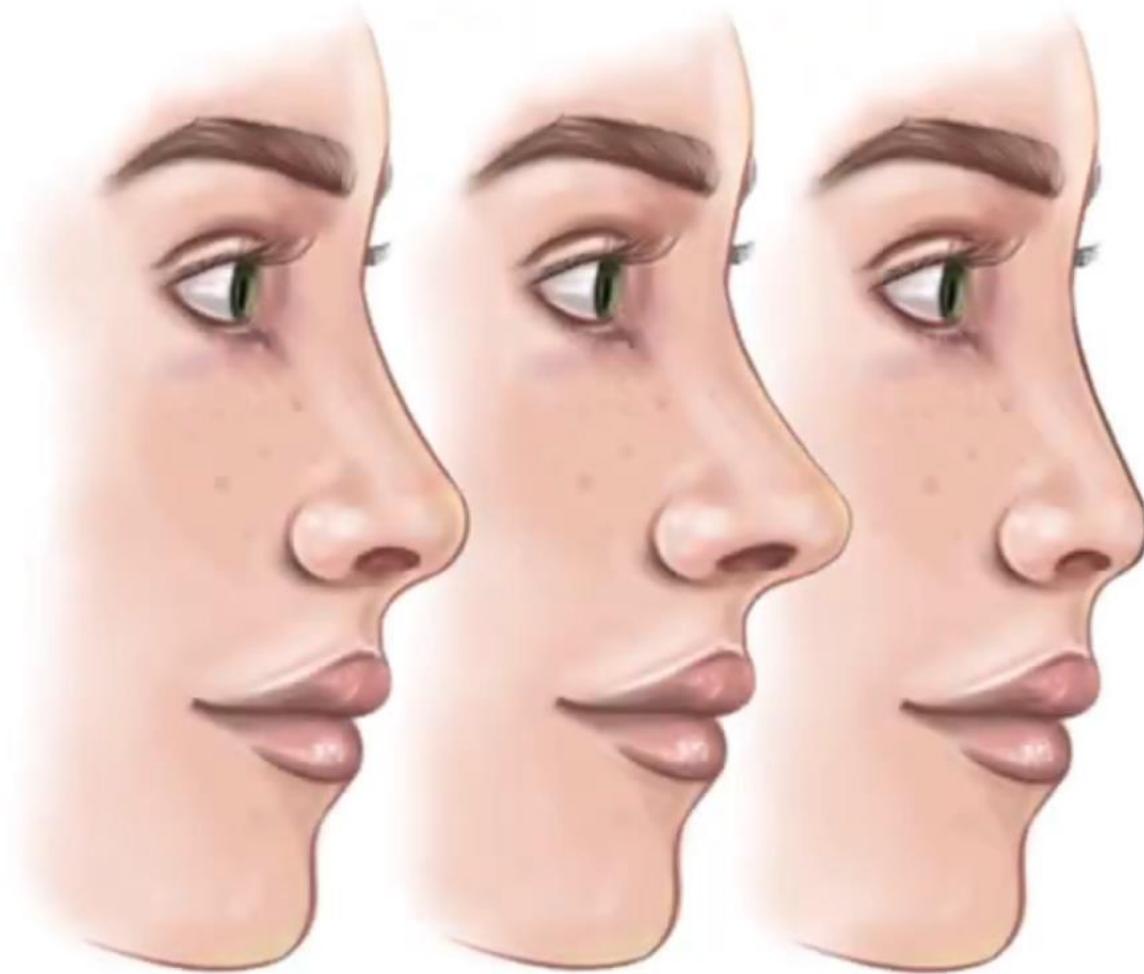
Nez normal

Dorsum



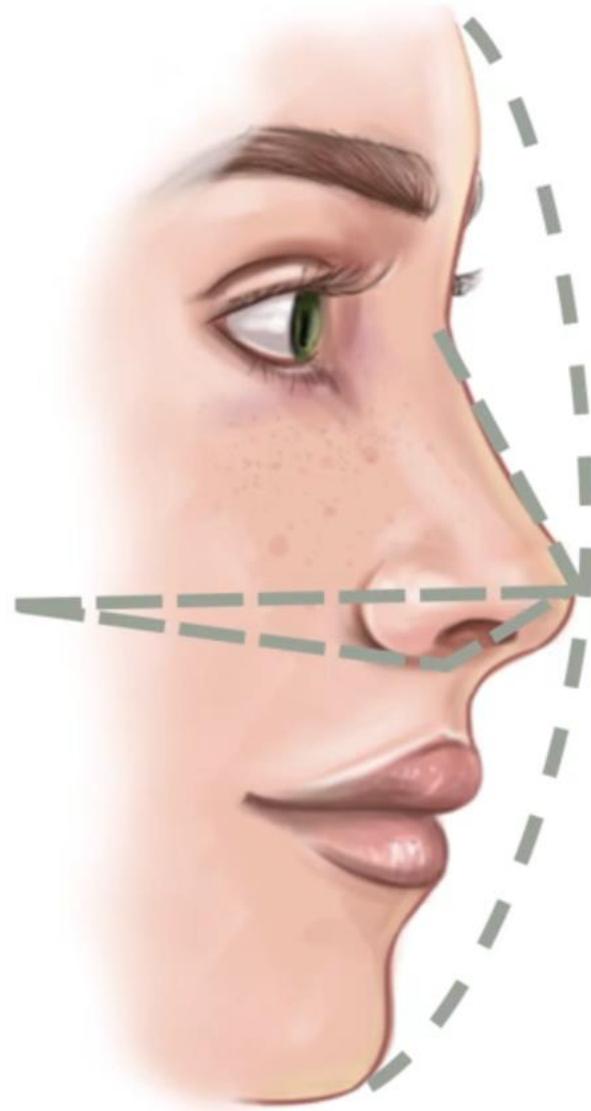
Nez normal

Projection



Nez normal

Rotation



Rotation céphalique

Rotation caudale

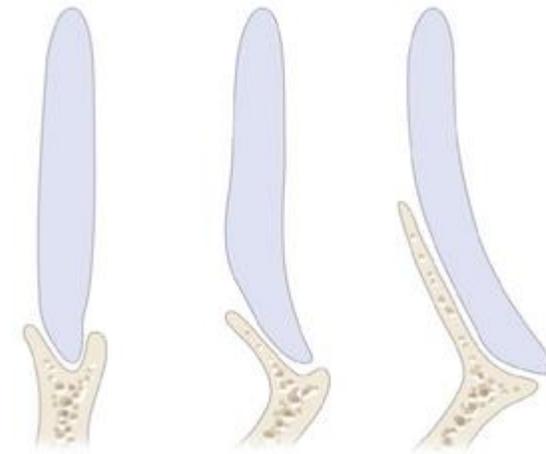
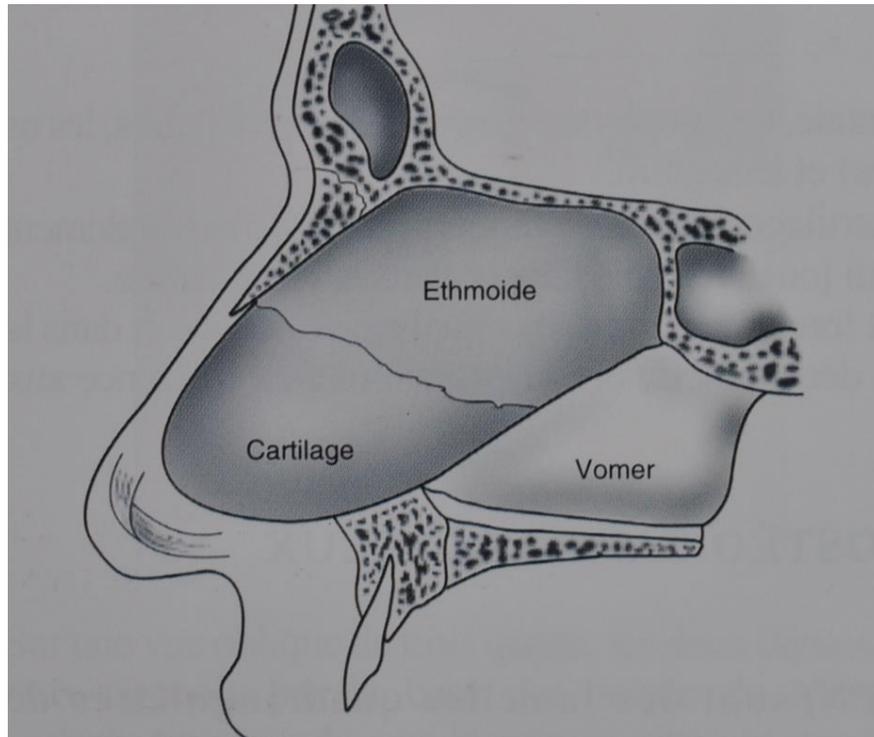
Obstruction nasale

Obstruction nasale



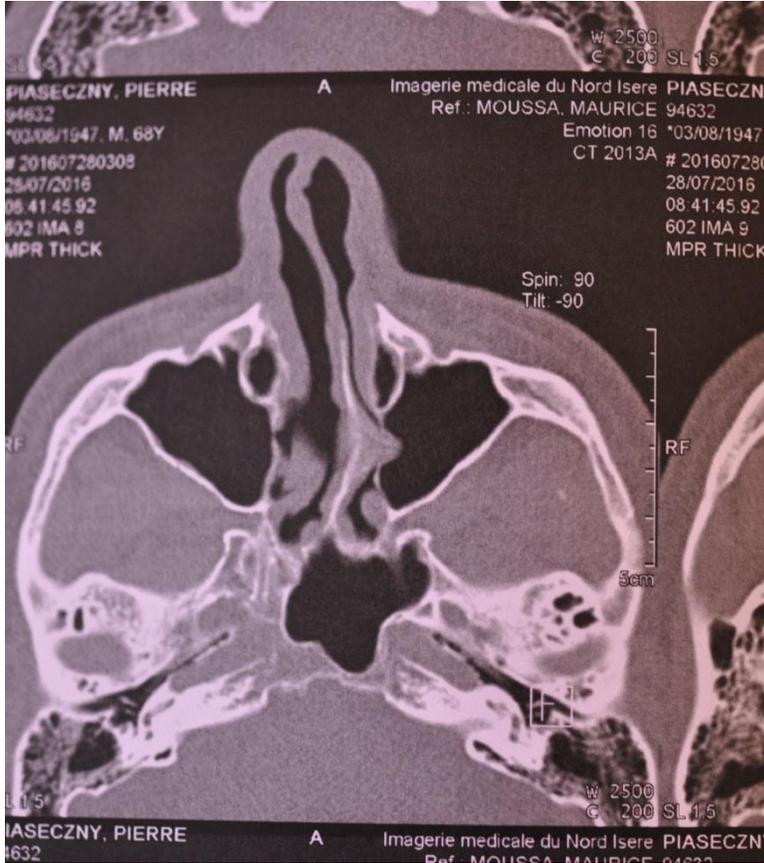
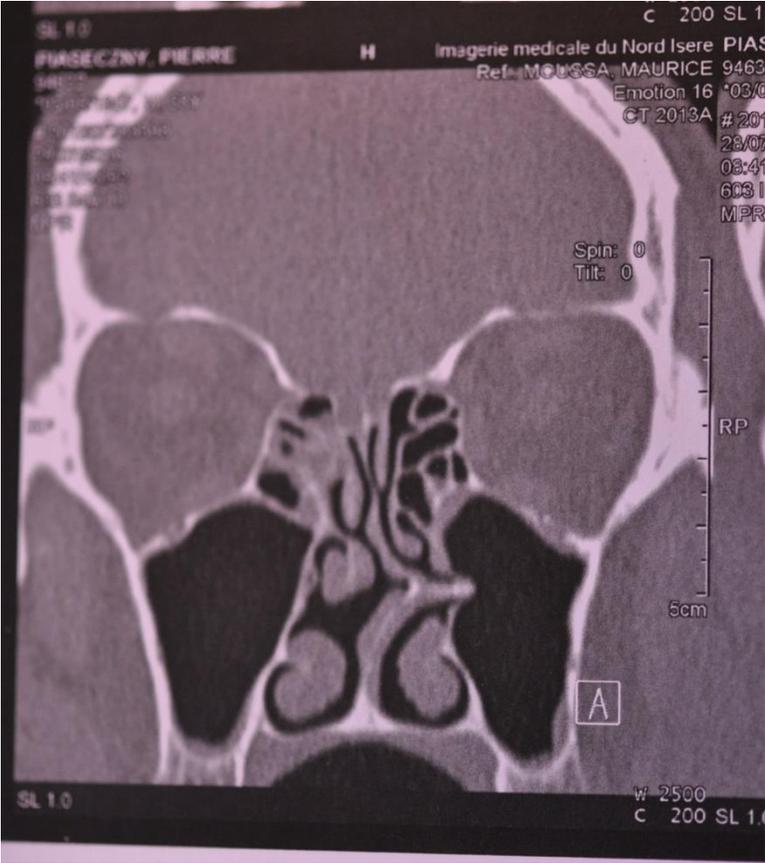
- Multifactorielle / proportions variables.
 - ON variable dans la journée ou « à bascule »
=> **hyperréactivité muqueuse**
 - Étroitesse de la fosse nasale vraie permanente
=> **Septum / Cornets osseux/ Orifices piriformes**
 - Fermeture permanente de l'angle septo-triangulaire ou collapsus de l'aile du nez en inspiration
=> **phénomène de valve (relation entre la face latérale du nez et septum)**
- Importance de l'interrogatoire, de l'examen clinique, éventuellement d'un test aux vasoconstricteurs.

Obstruction nasale: déviation septale

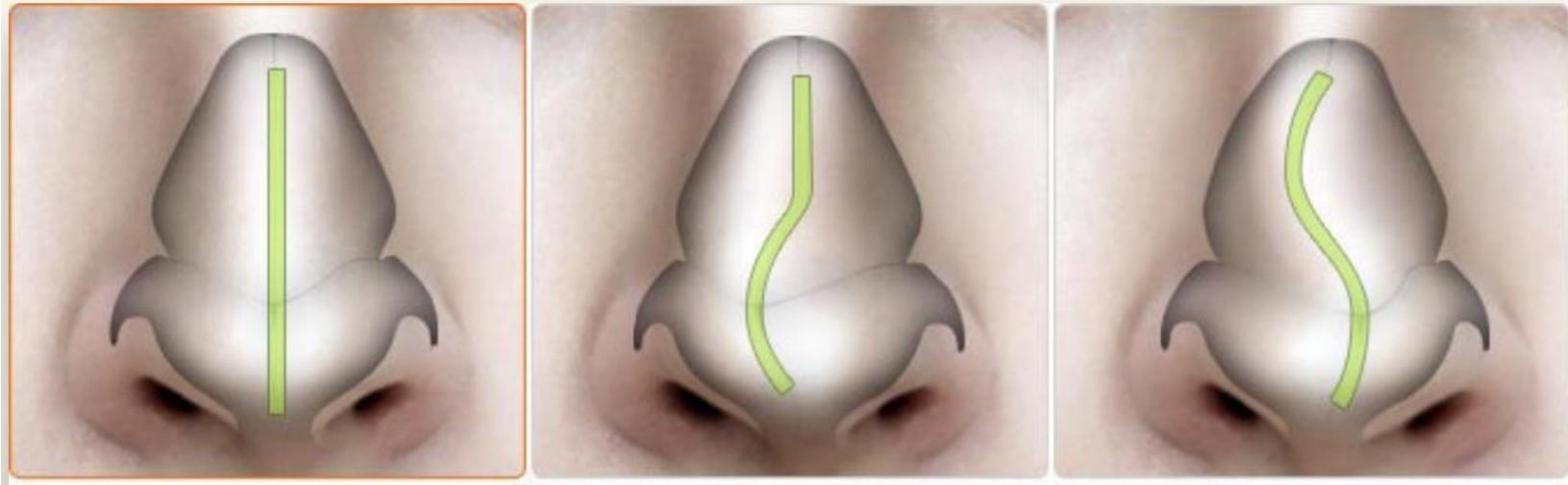


Eperon chondro-vomérien

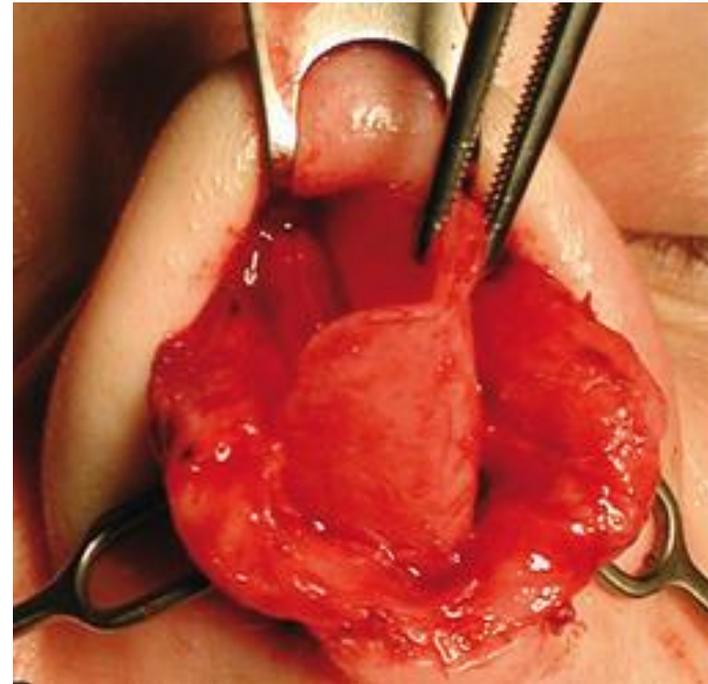
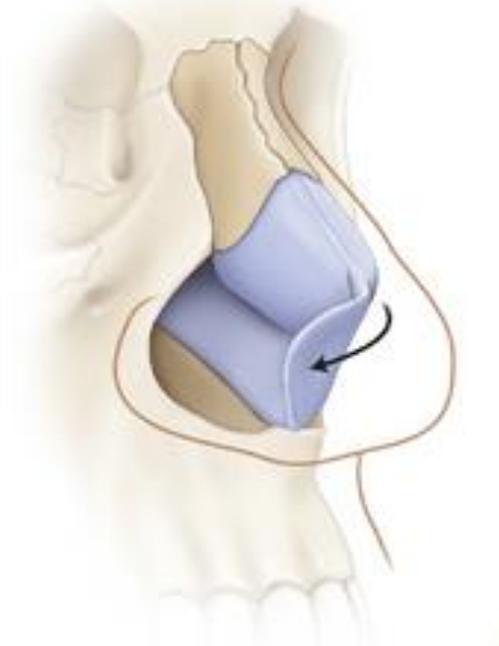
Obstruction nasale: déviation septale

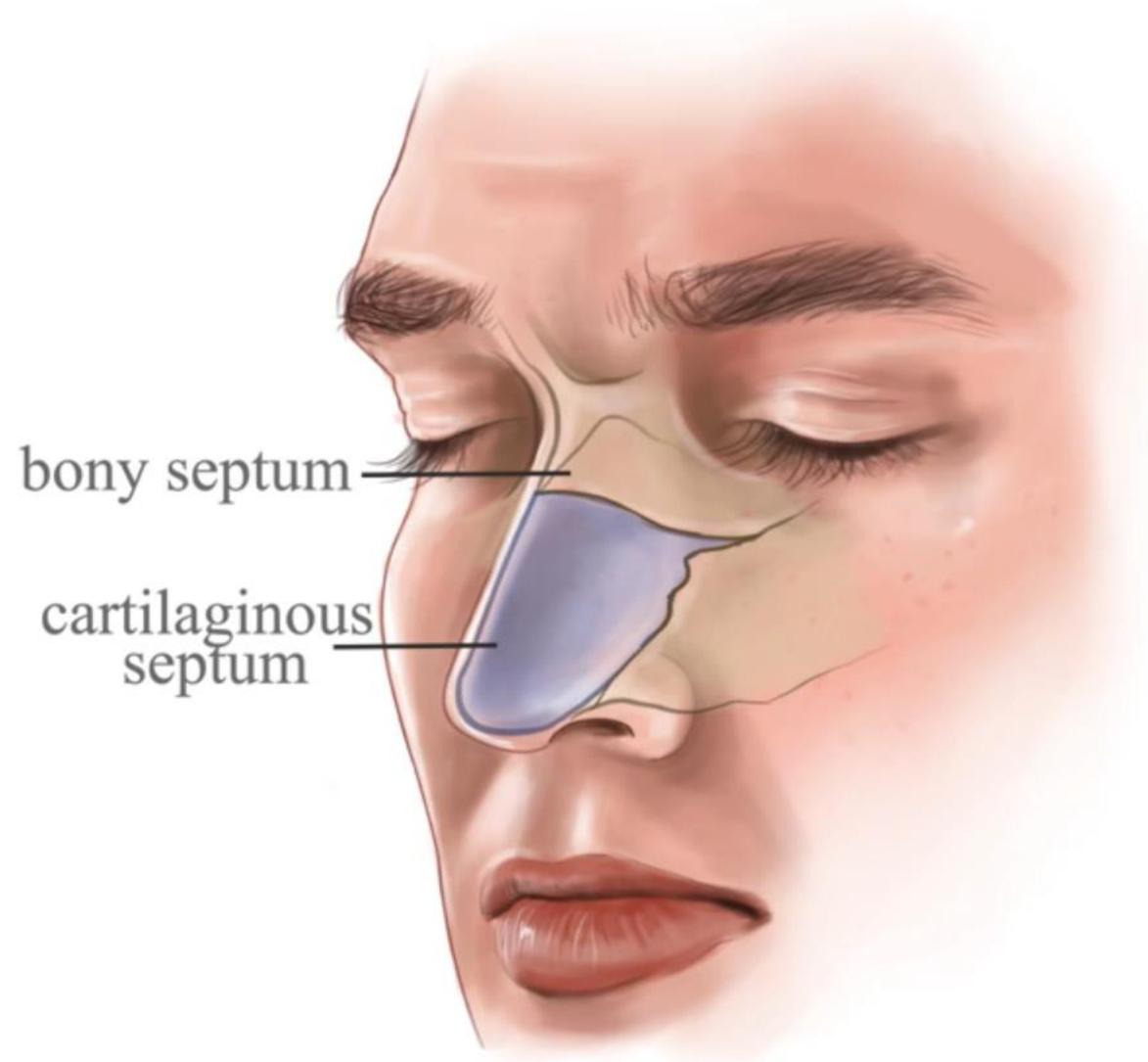


Obstruction nasale: déviation septale



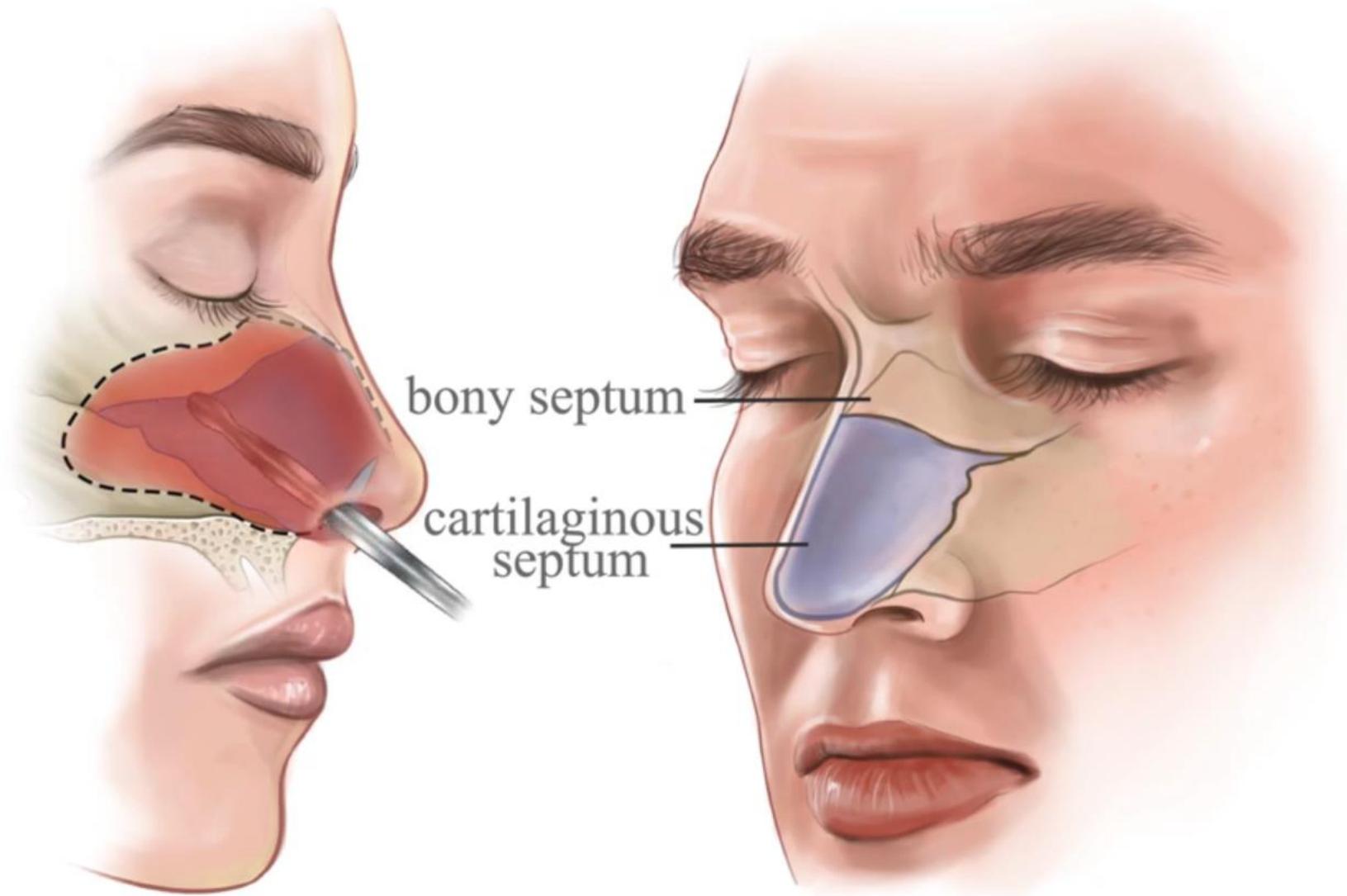
Obstruction nasale: déviation septale





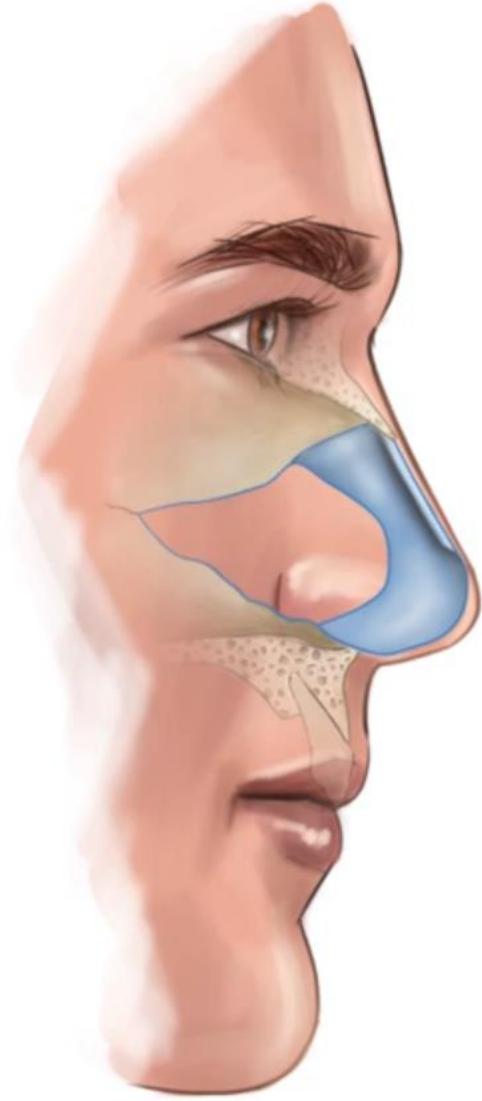
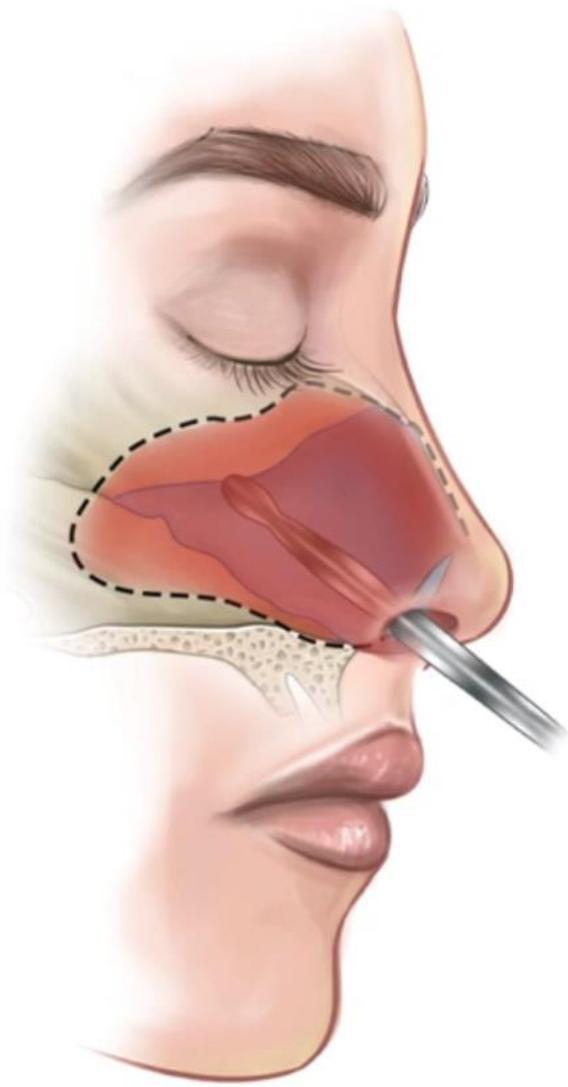
bony septum

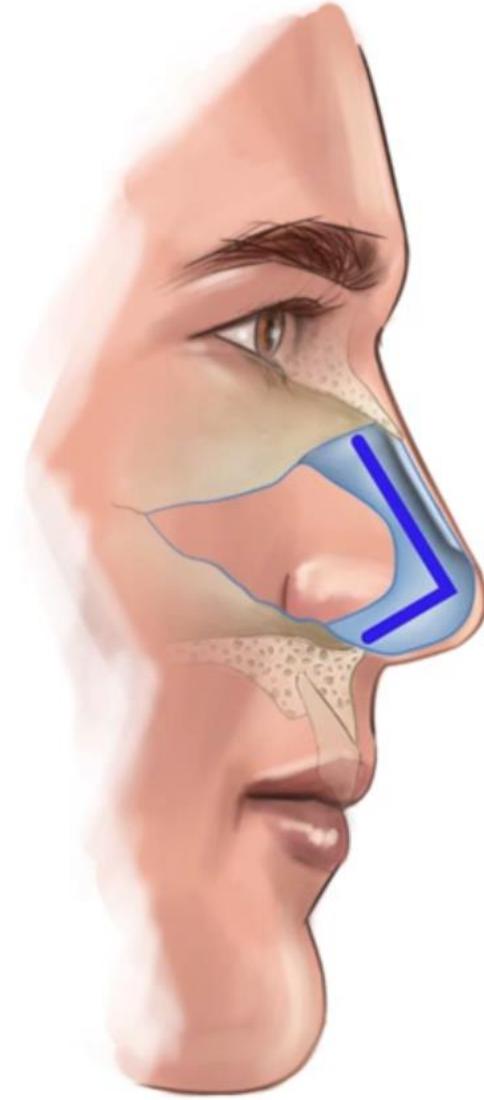
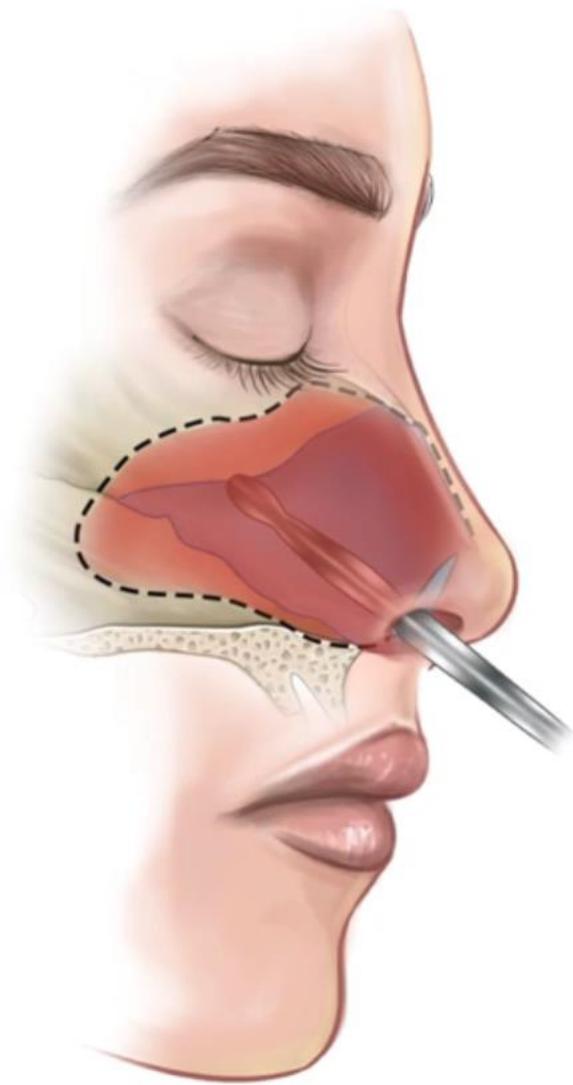
cartilaginous
septum



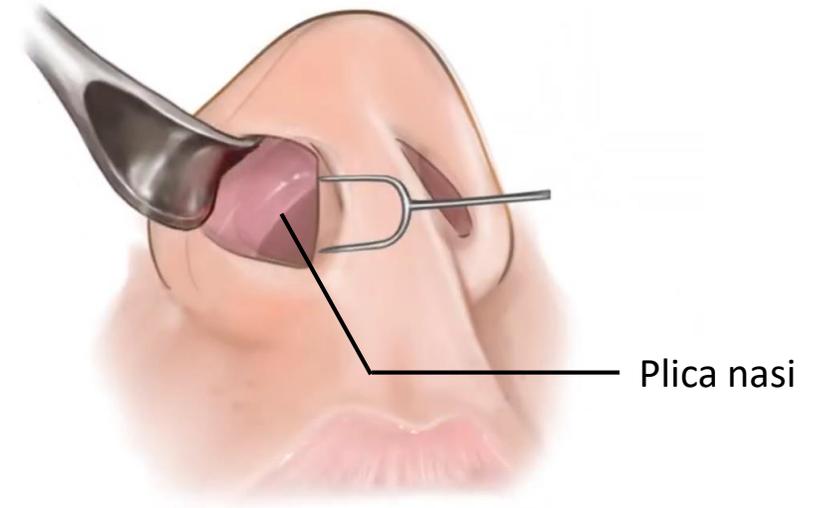
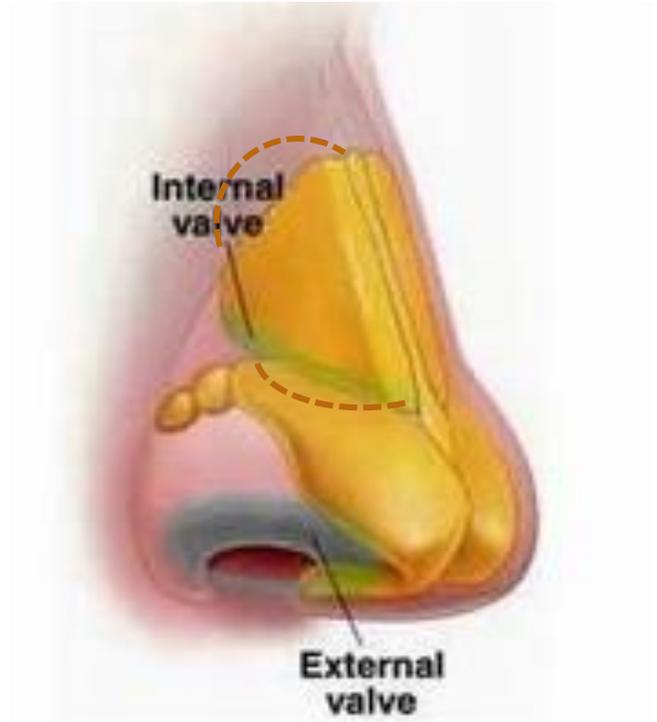
bony septum

cartilaginous septum

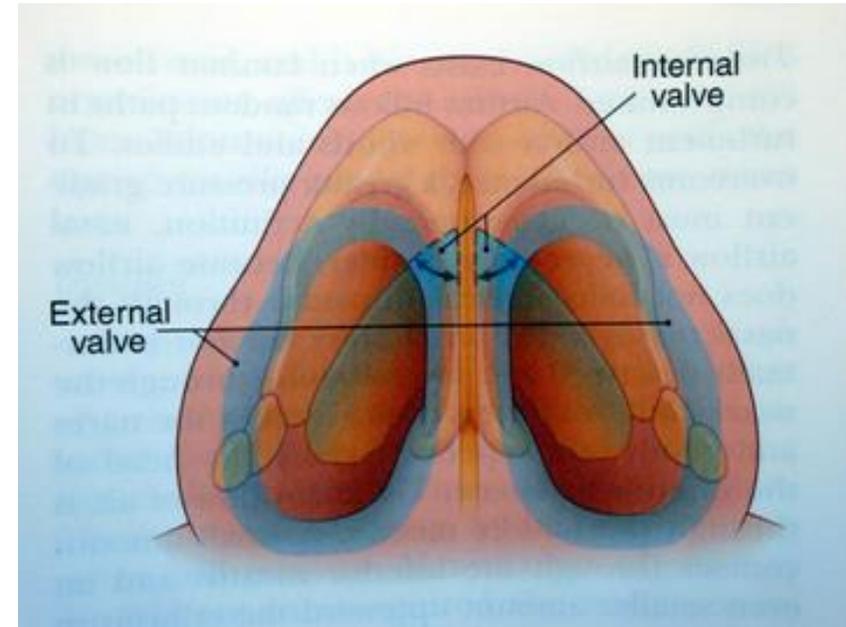
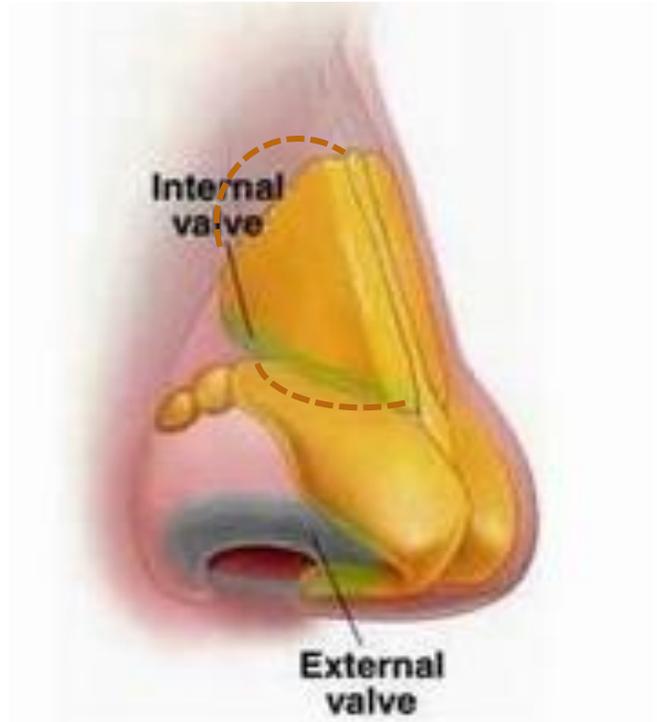




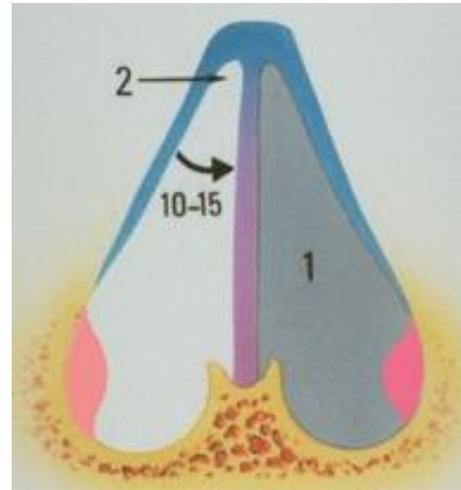
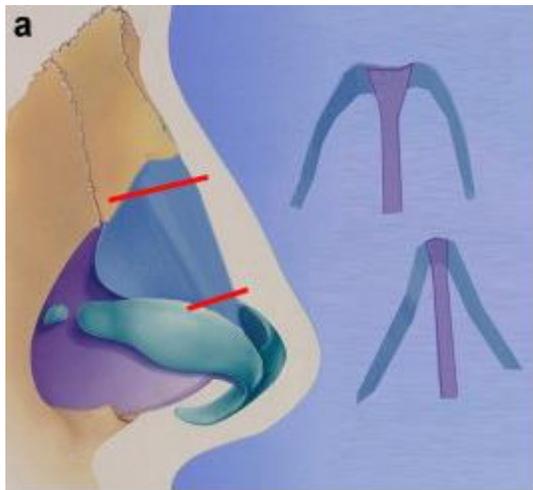
Les valves nasales



Les valves nasales



Les valves nasales



Valve interne: collapsus de l'angle septo-triangulaire

Valve externe: collapsus de l'orifice narinaire

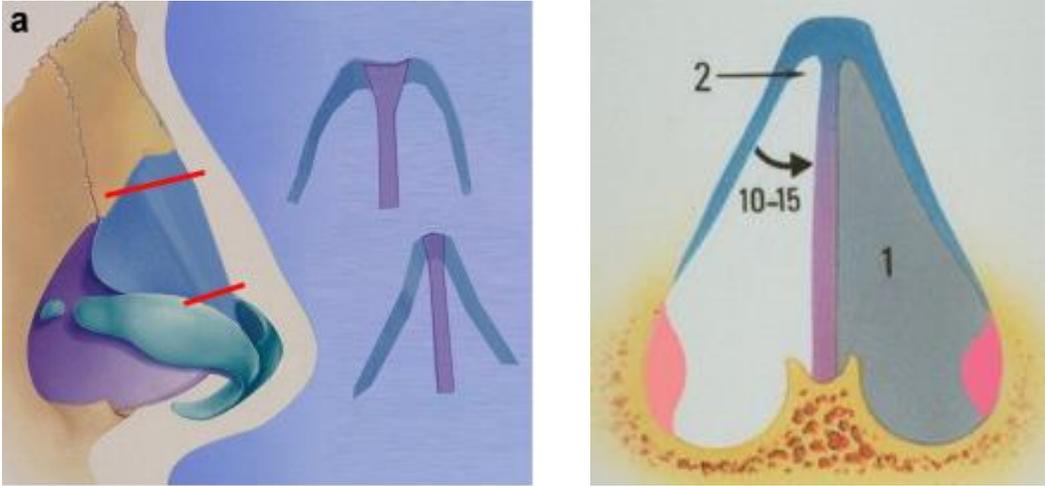
Les valves nasales

Statique

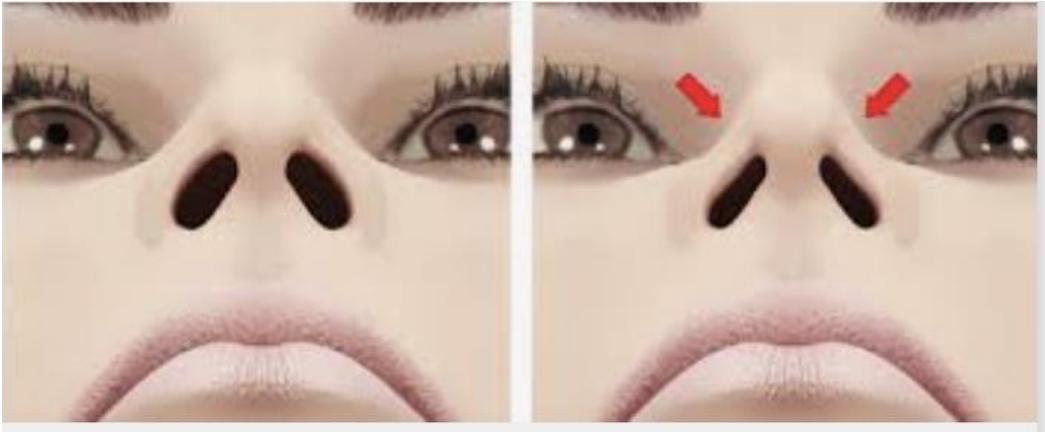
Dynamique
(inspiration)



Principe de Bernoulli



Valve interne: collapsus de l'angle septo-triangulaire

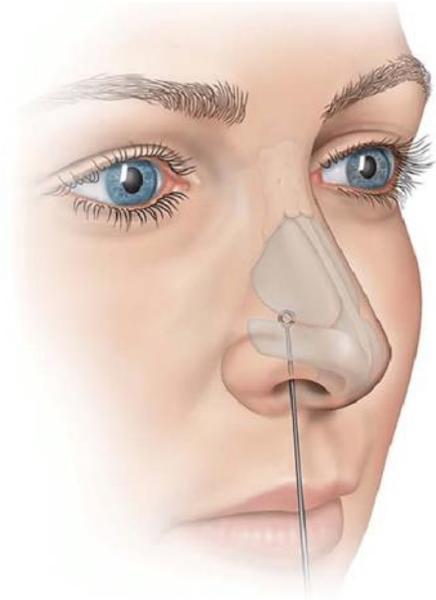


Valve externe: collapsus de l'orifice narinaire

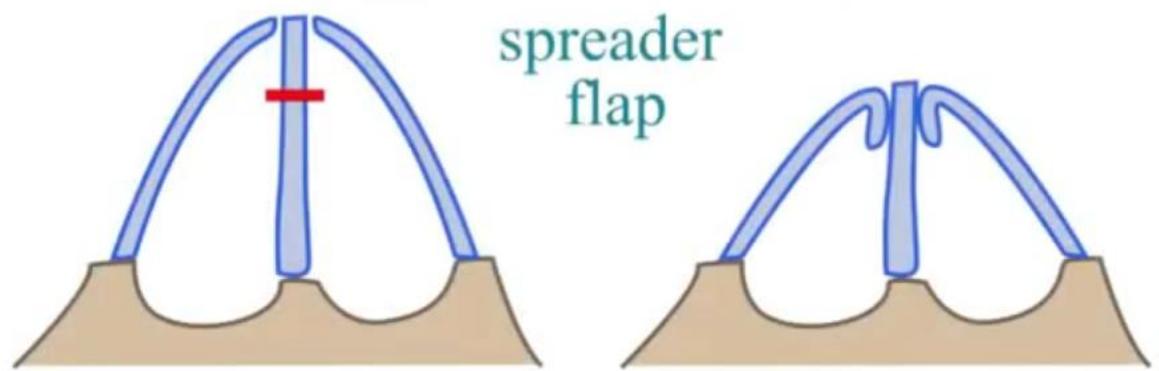
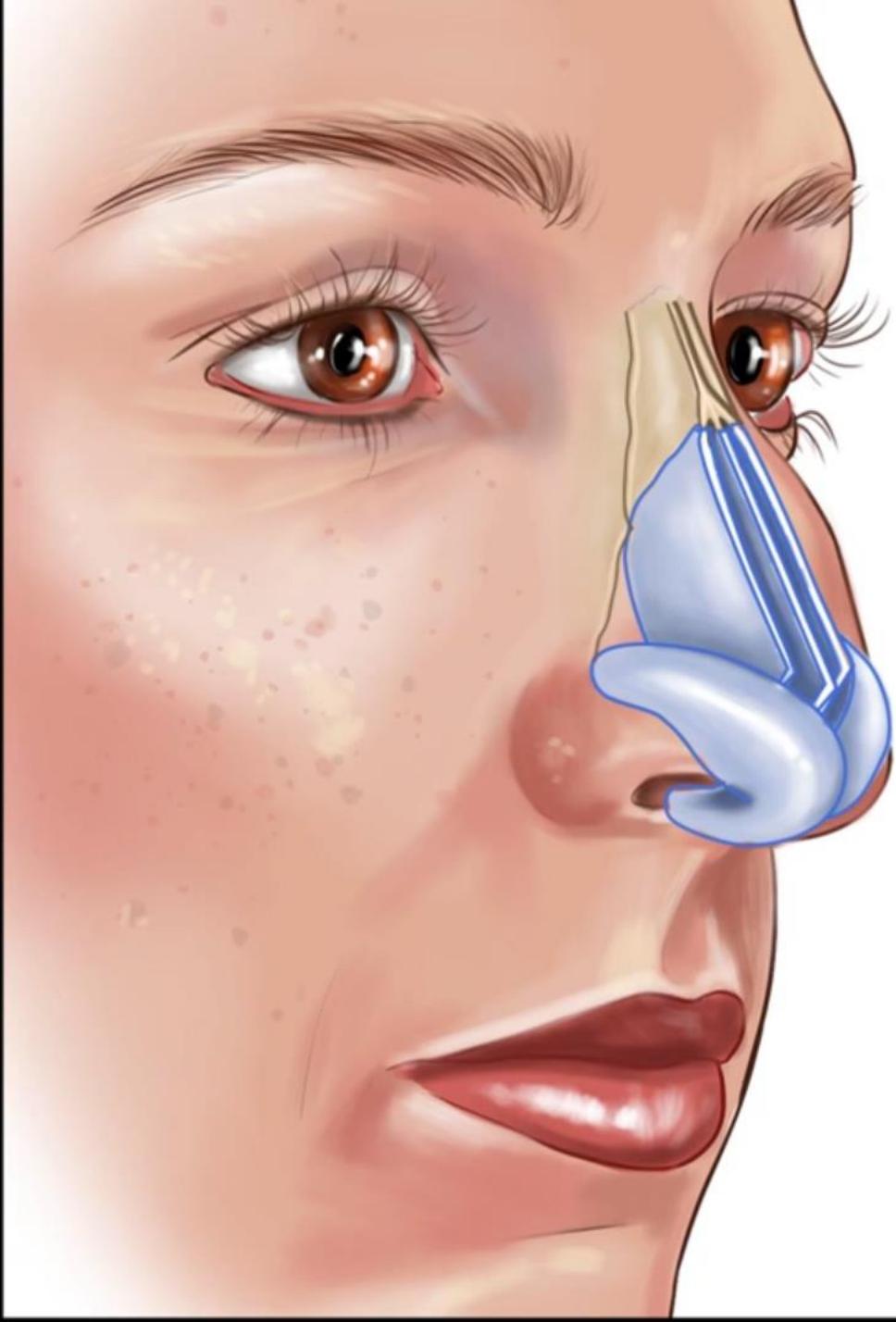
Les valves nasales



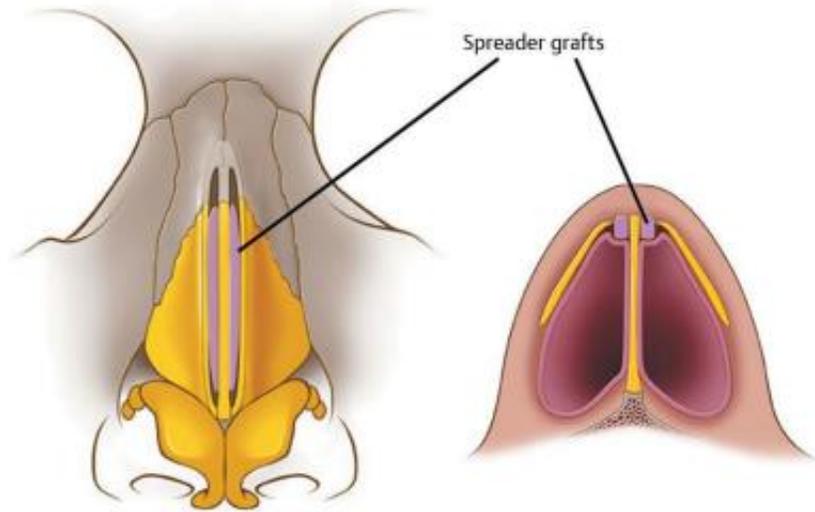
Manœuvre de Cottle



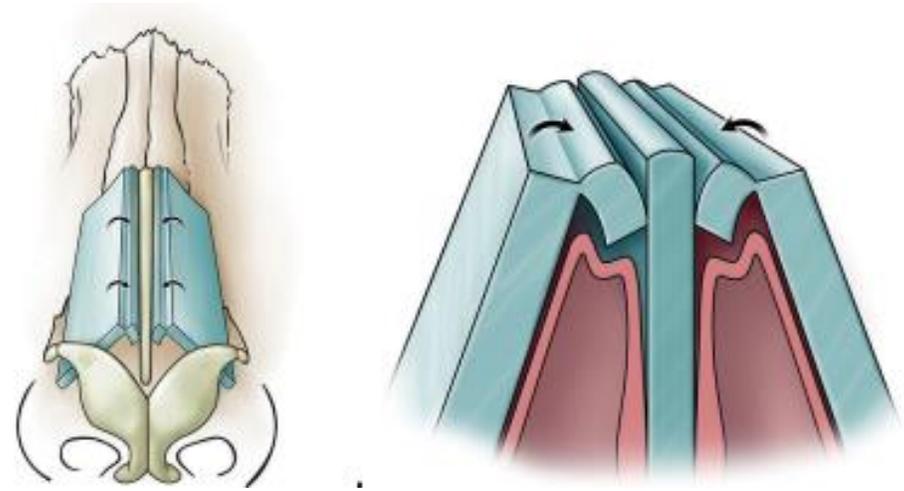
Manœuvre de Bachmann



PEC valve nasale interne

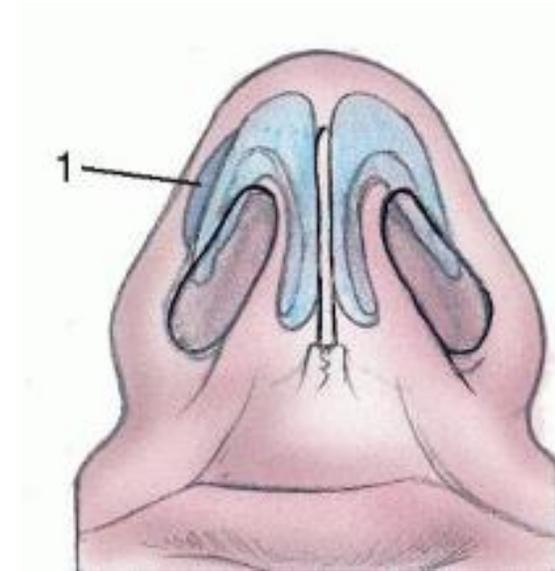
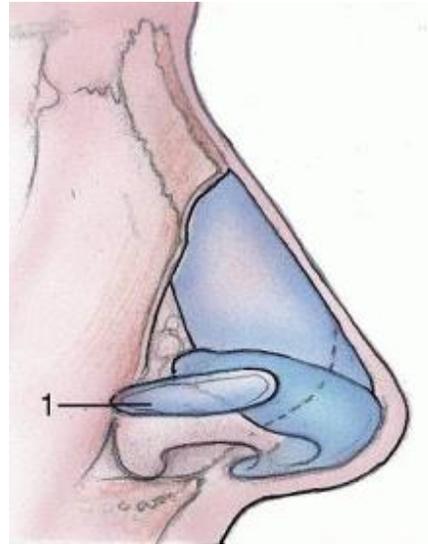


Spreader graft



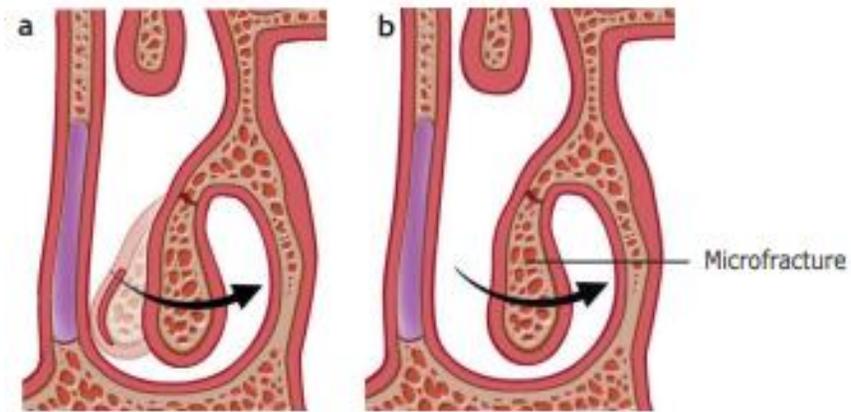
Spreader flap

PEC valve nasale externe

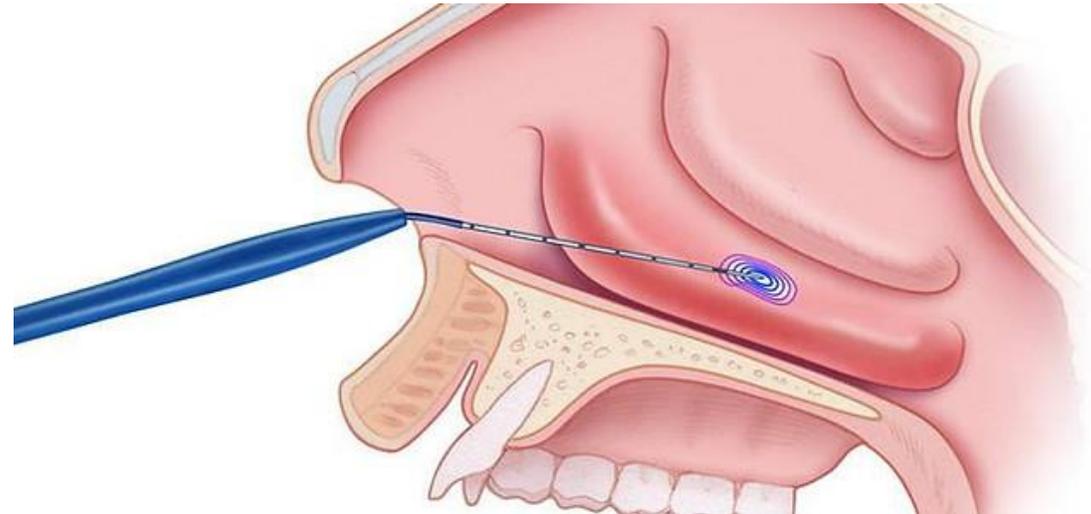


Alar batten graft

Hypertrophie turbinaire



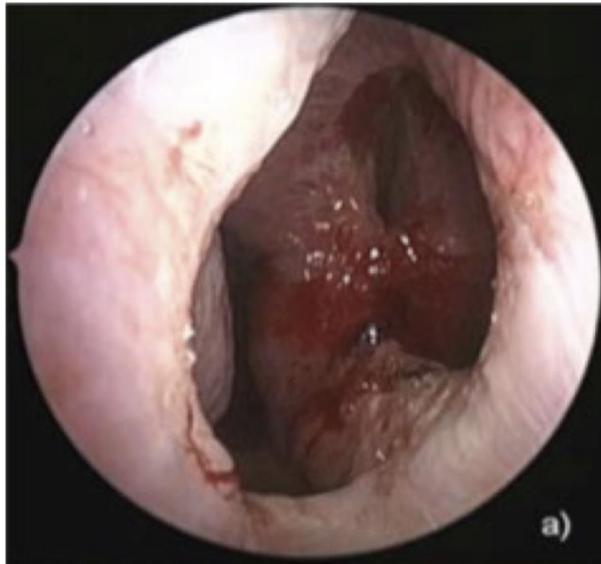
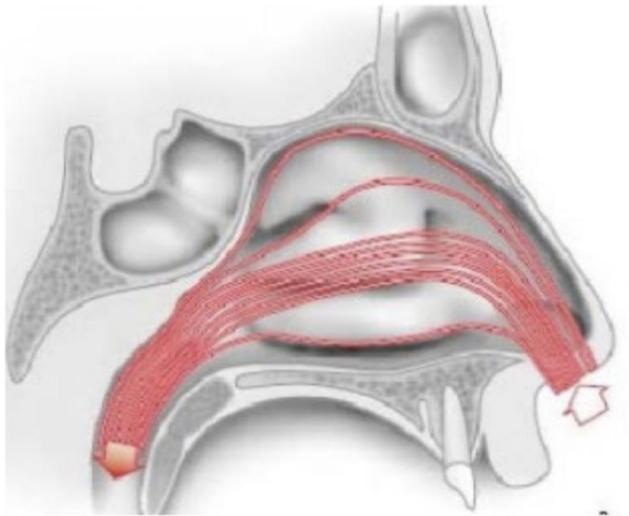
Latéralisation du cornet inférieur



Turbinoplastie par radiofréquence

Obstruction nasale: syndrome du nez vide

Obstruction nasale paradoxale après réduction excessive des cornets moyens et inférieurs ou perforation septale

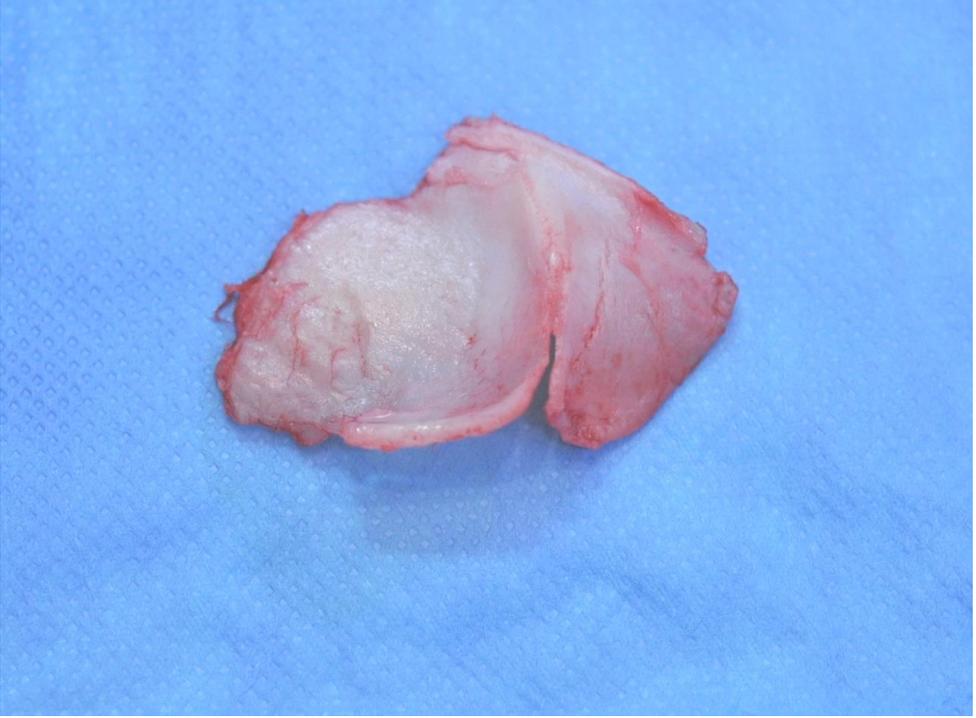


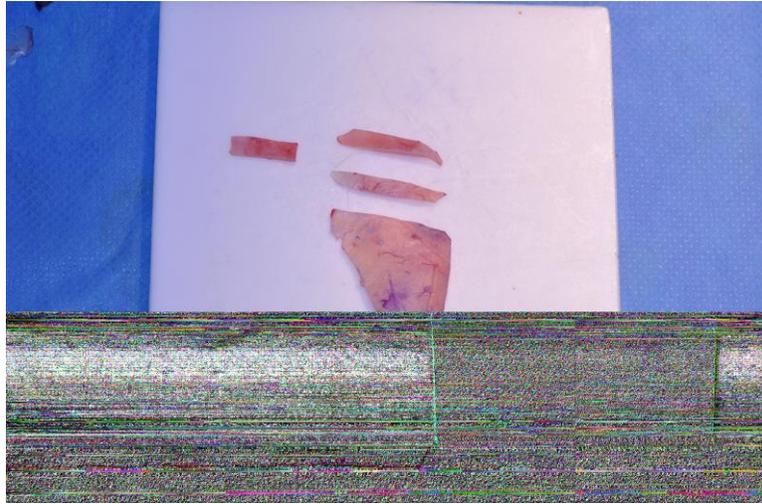
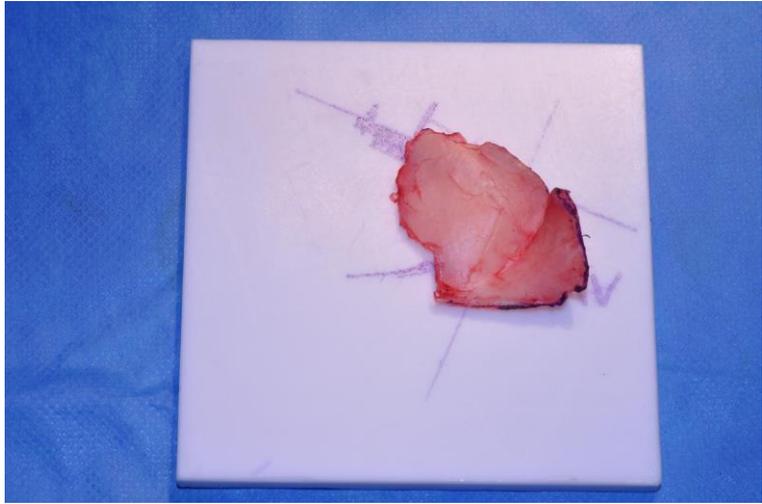
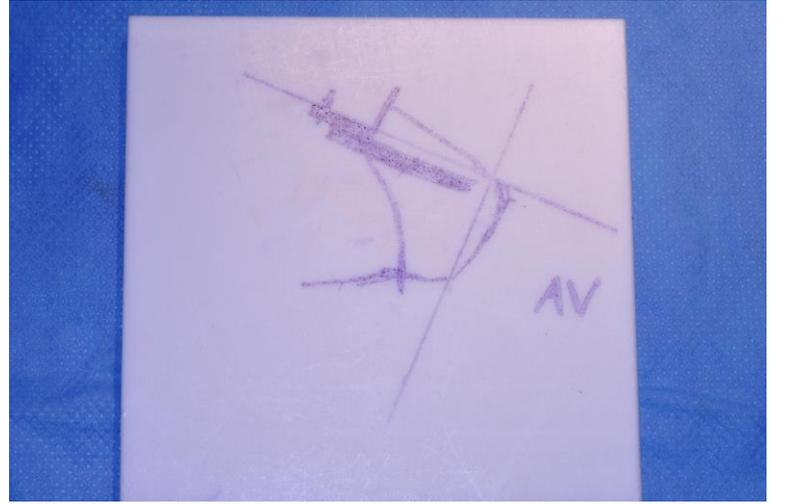
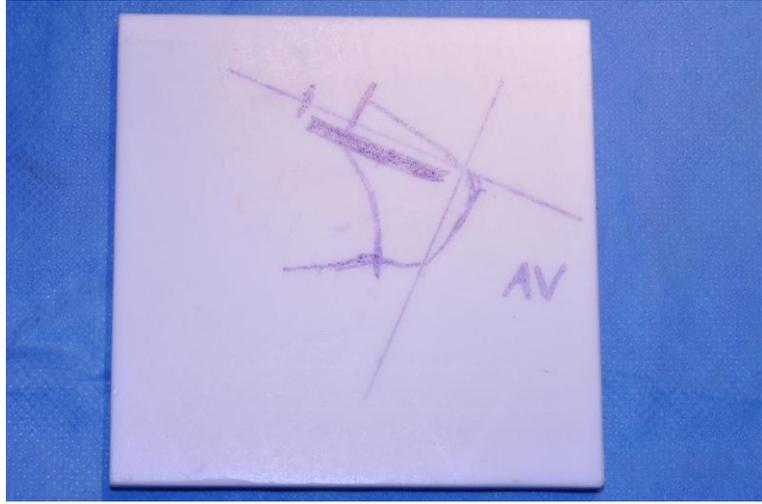
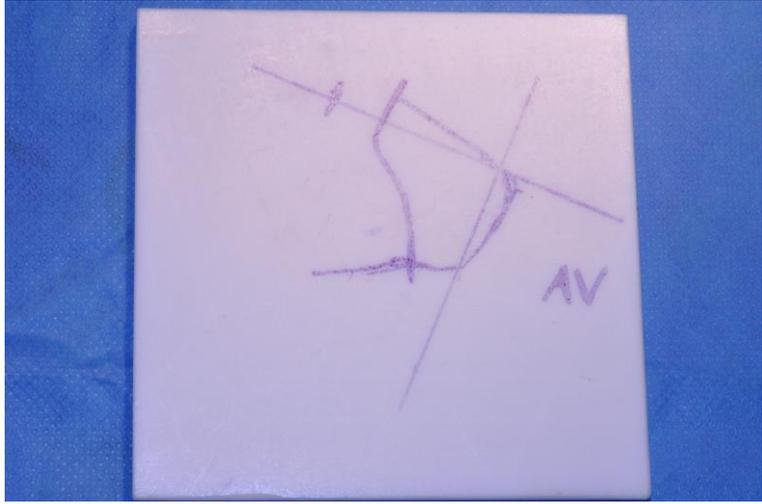
Rhinoseptoplastie fonctionnelle

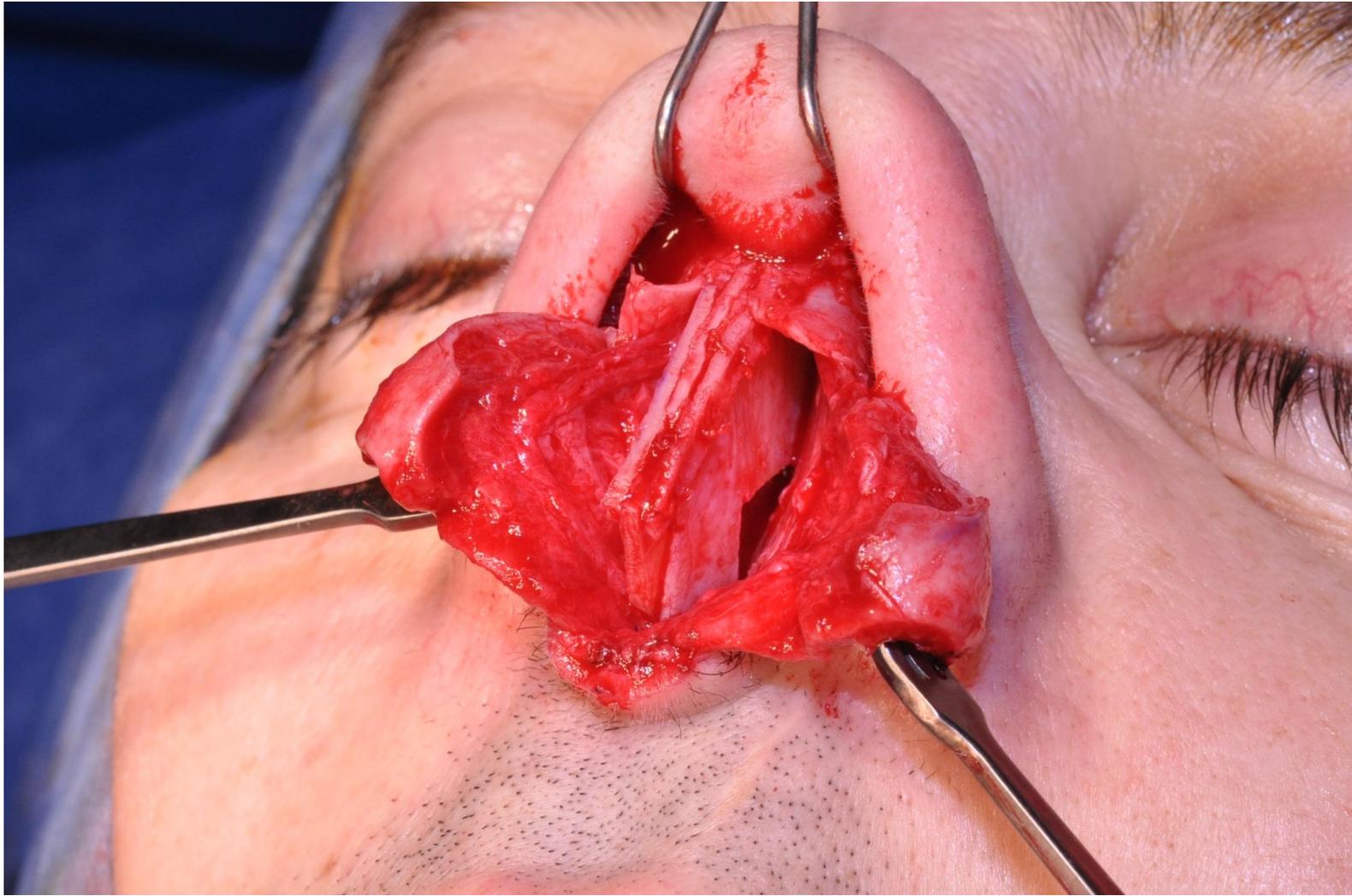


Nez sous tension

Septoplastie extracorporelle

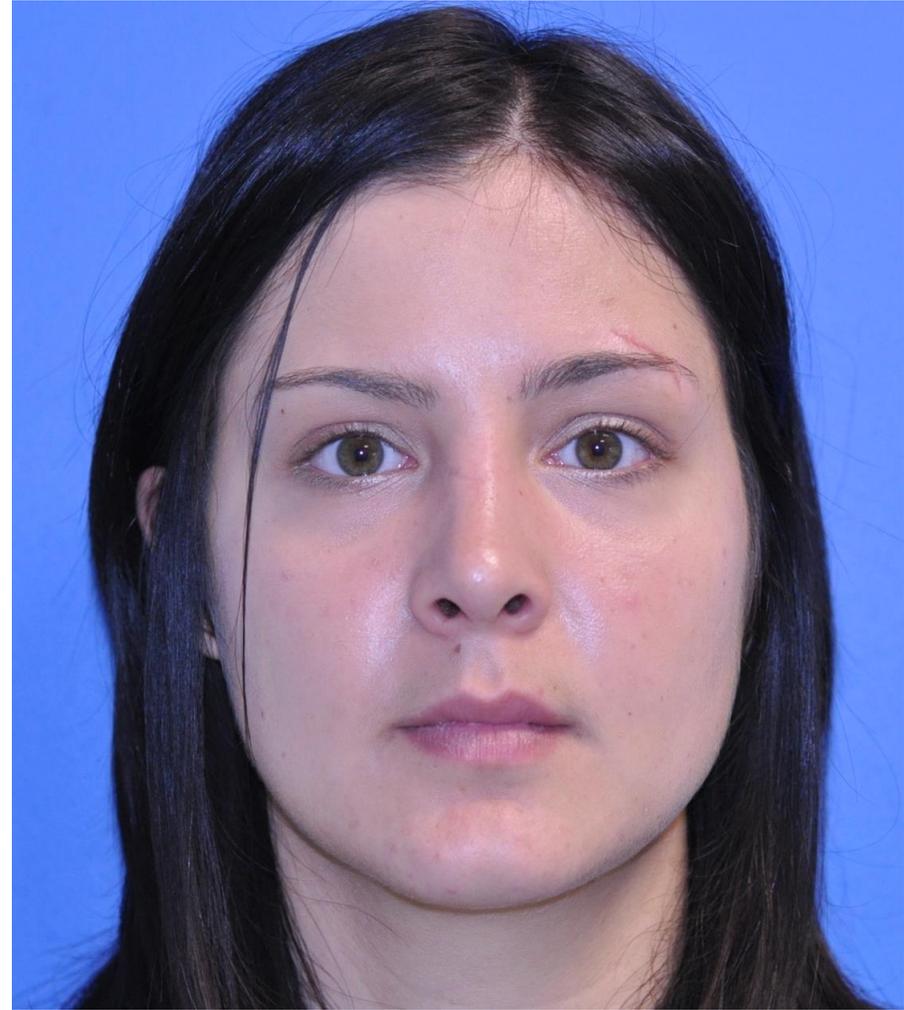








Avant



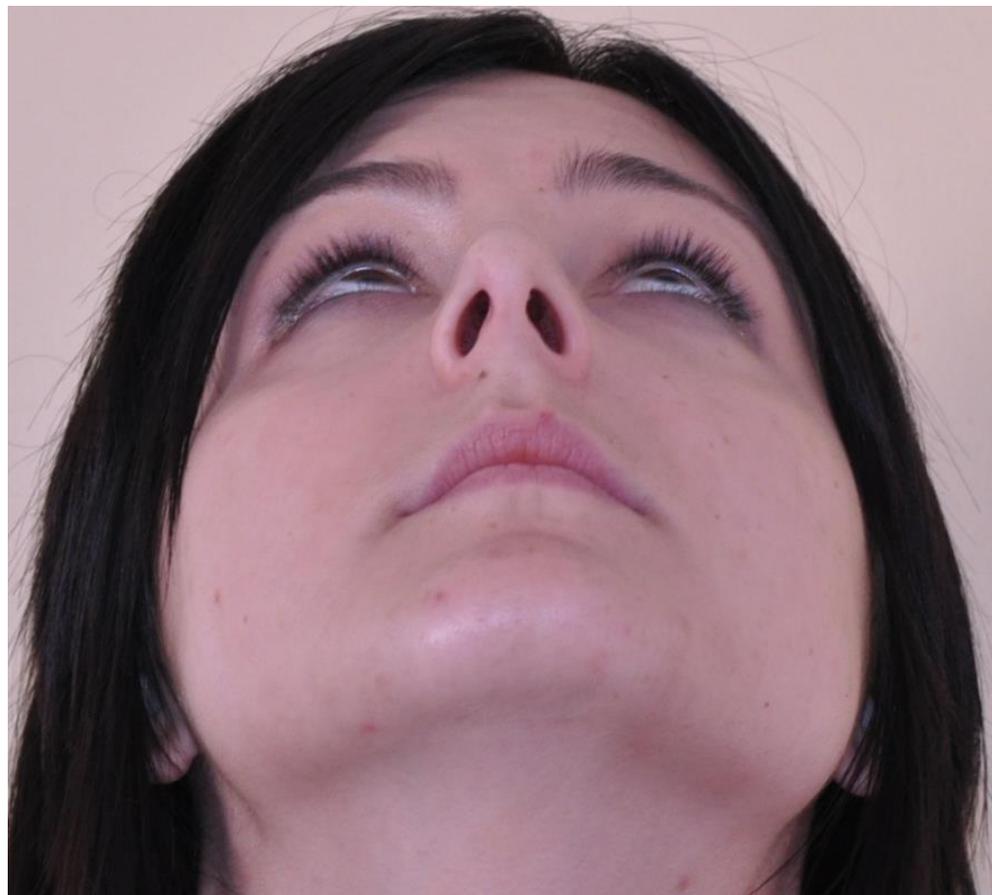
Après



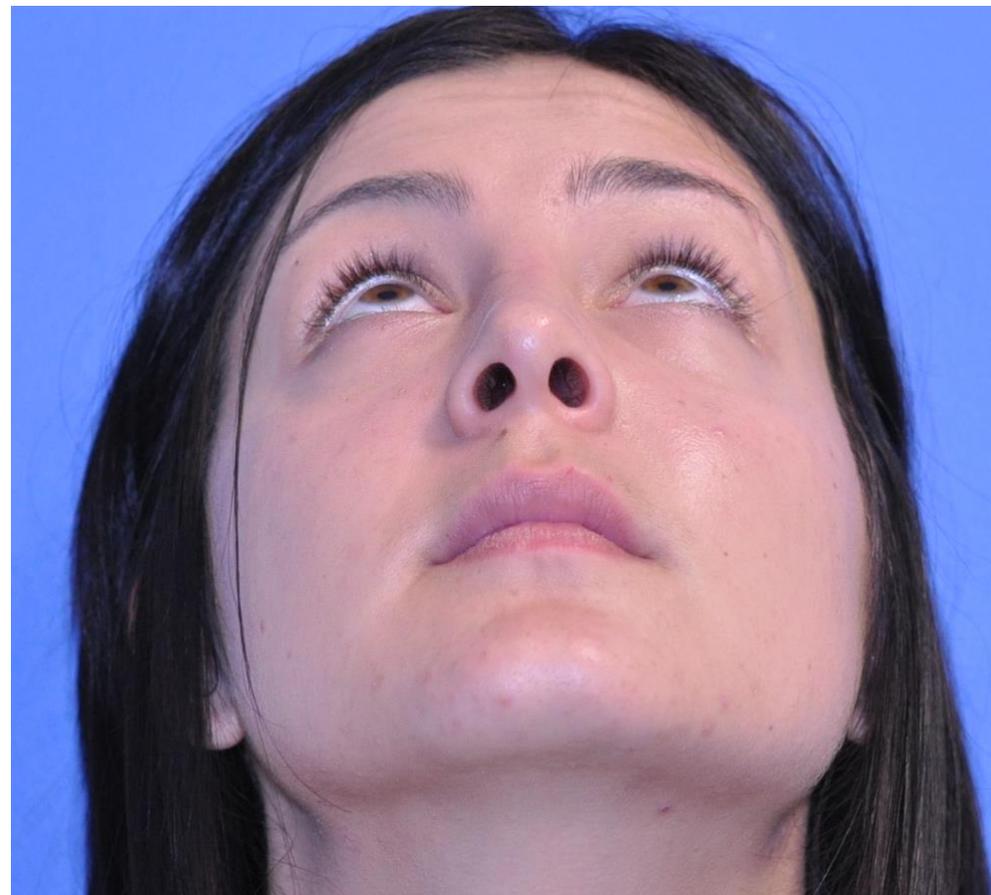
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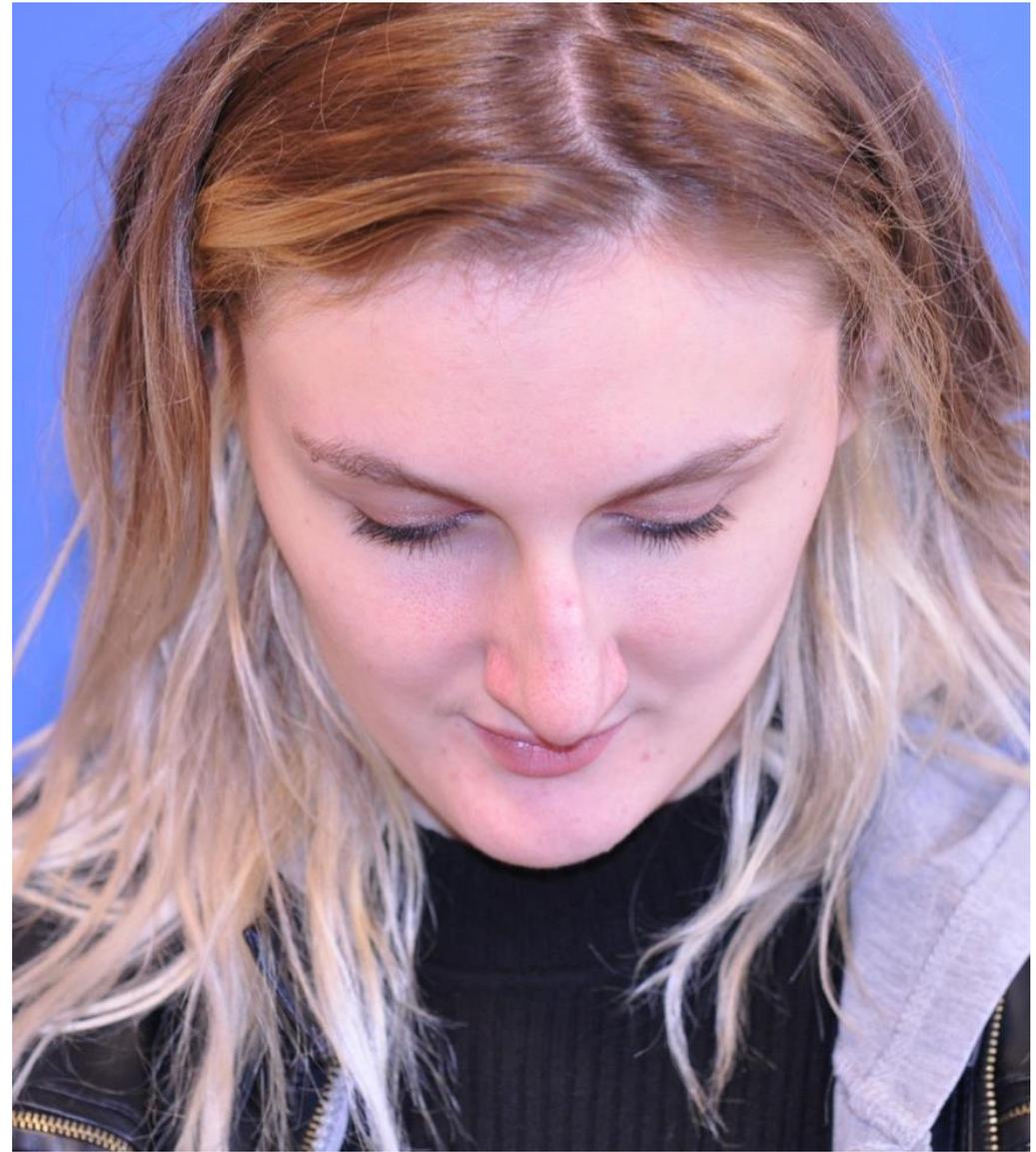
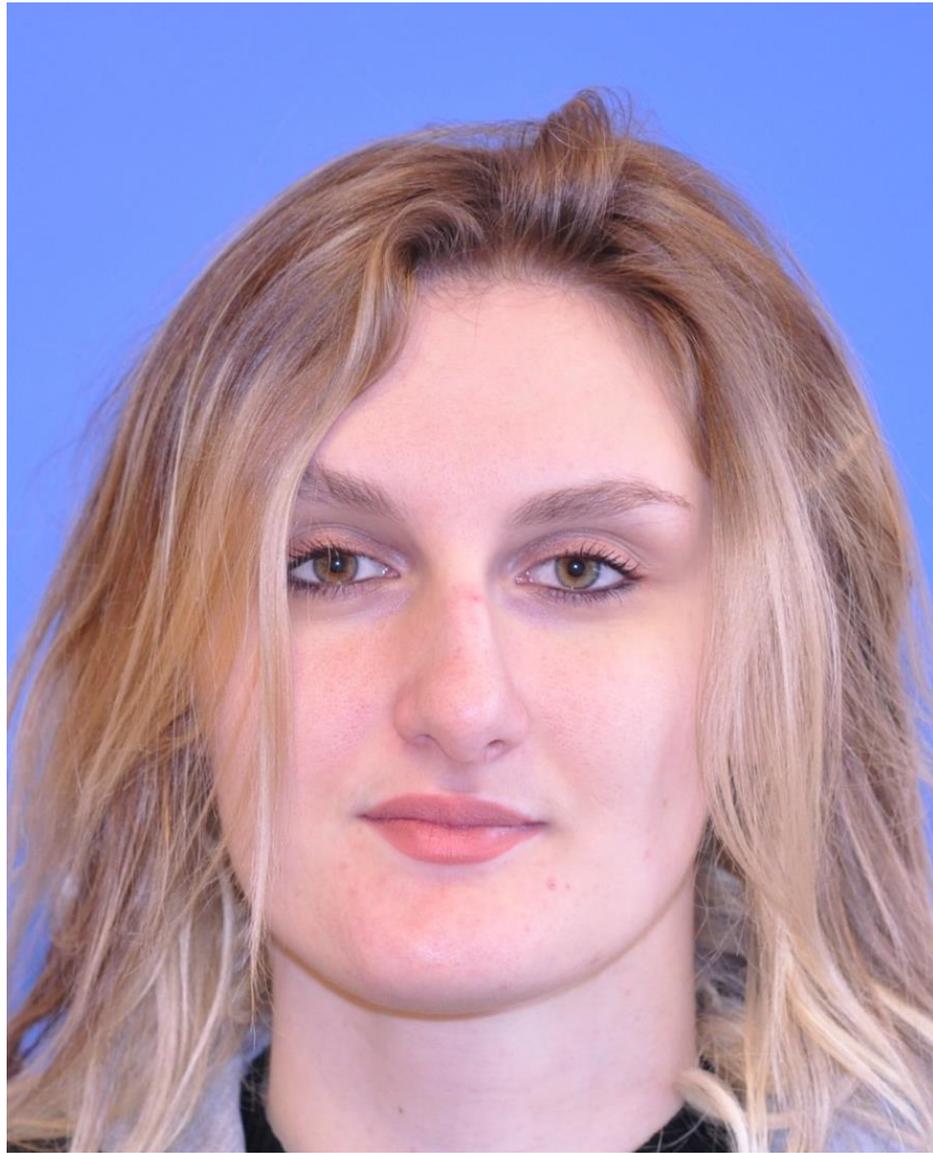
Après



Avant



Après



Déformation haute du septum et déviation globale du nez



Avant



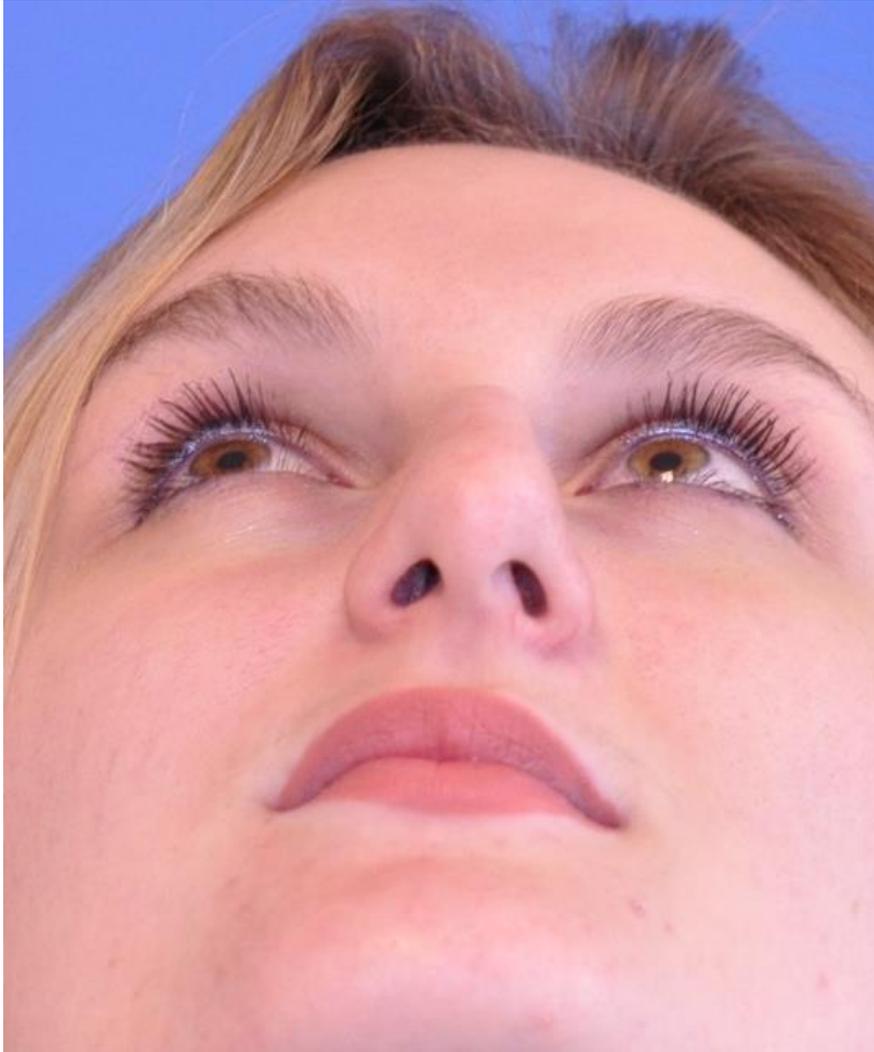
Après



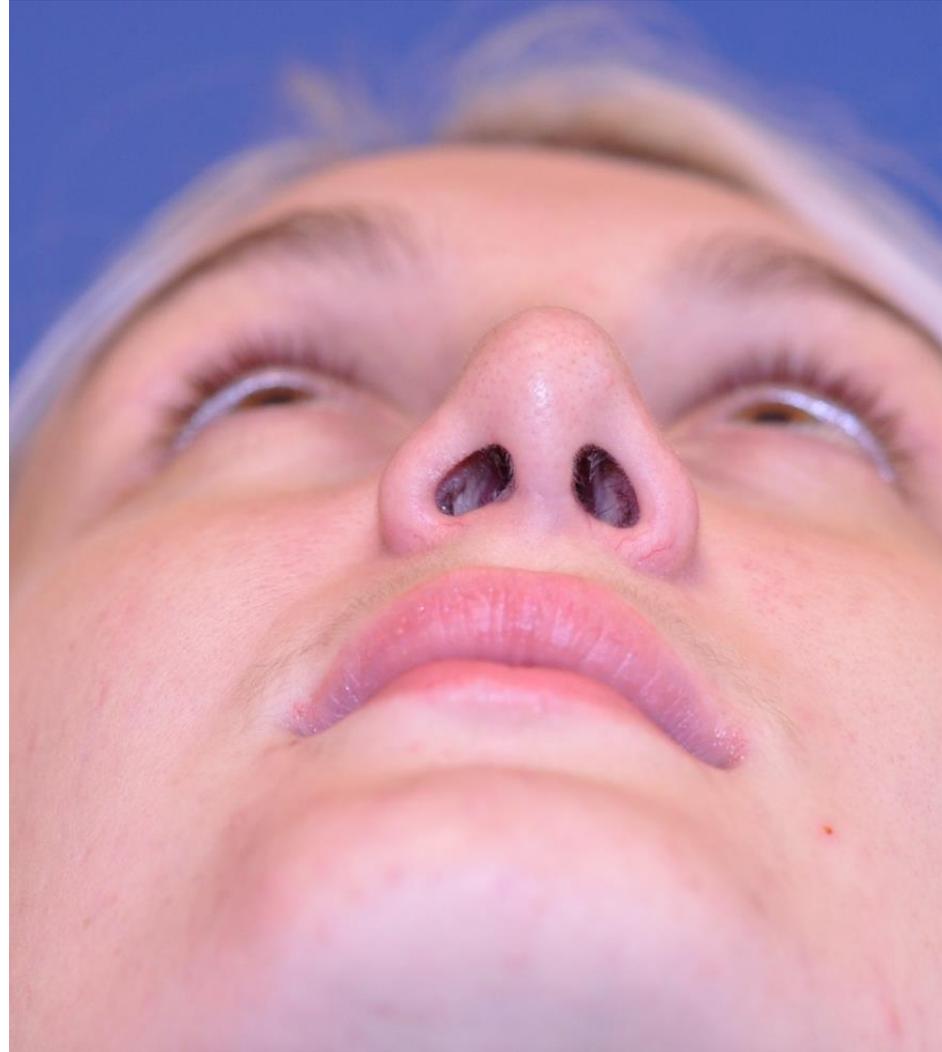
Avant



Après



Avant



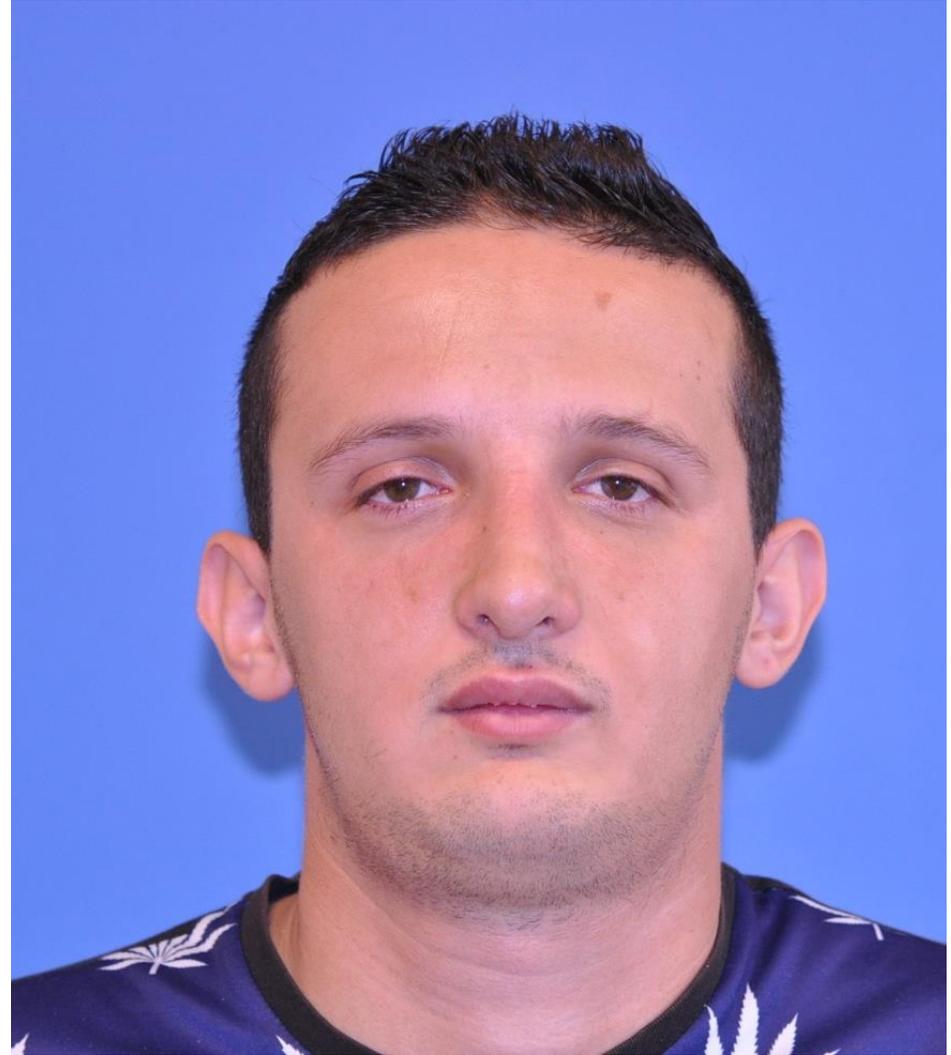
Après



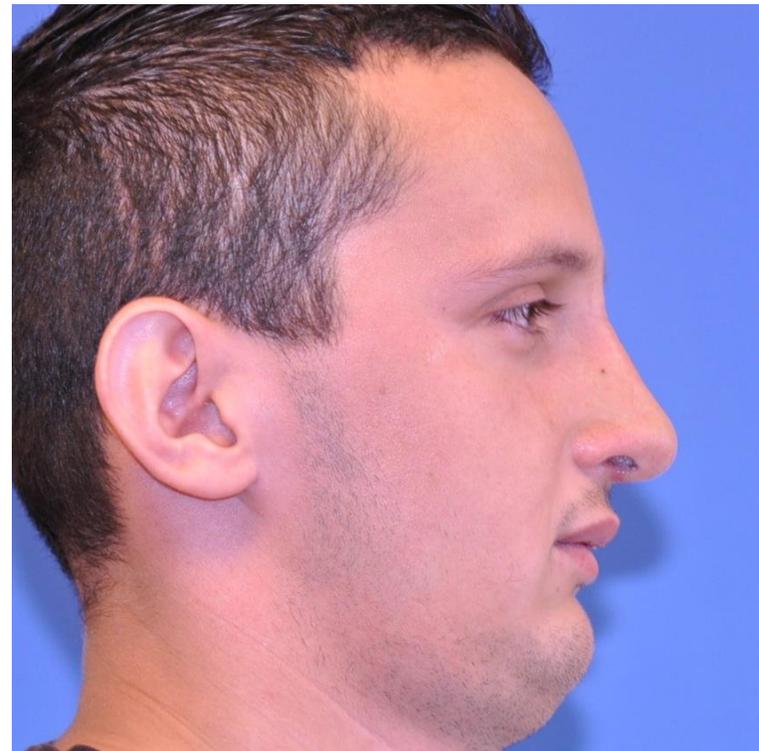
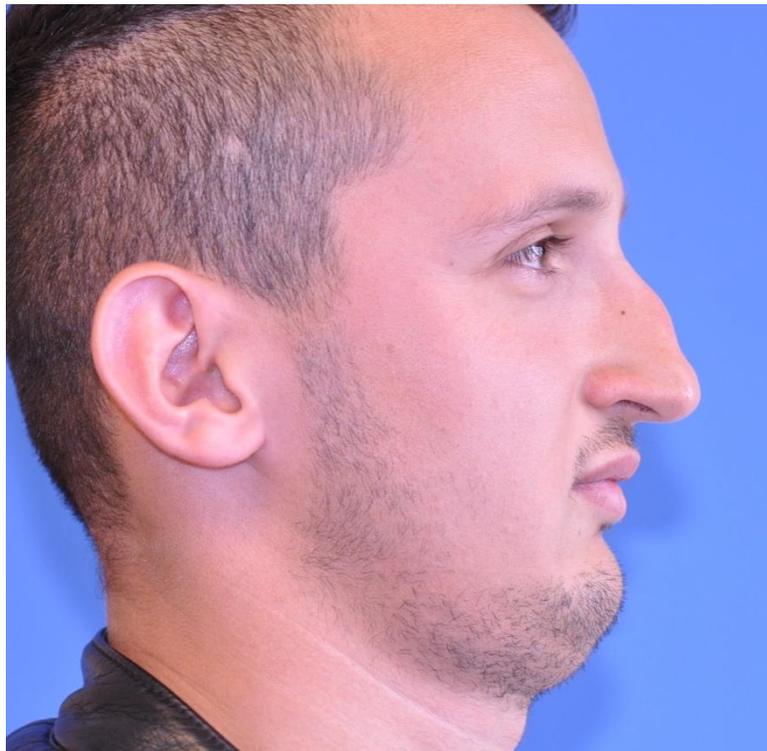
Déformations antérieures



Avant



Après

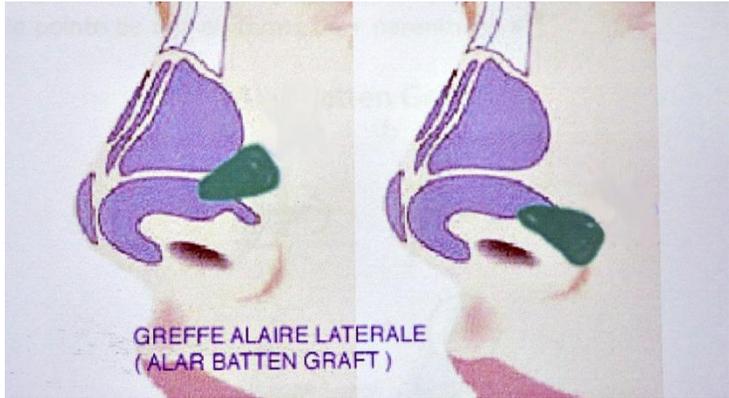


Avant

Après

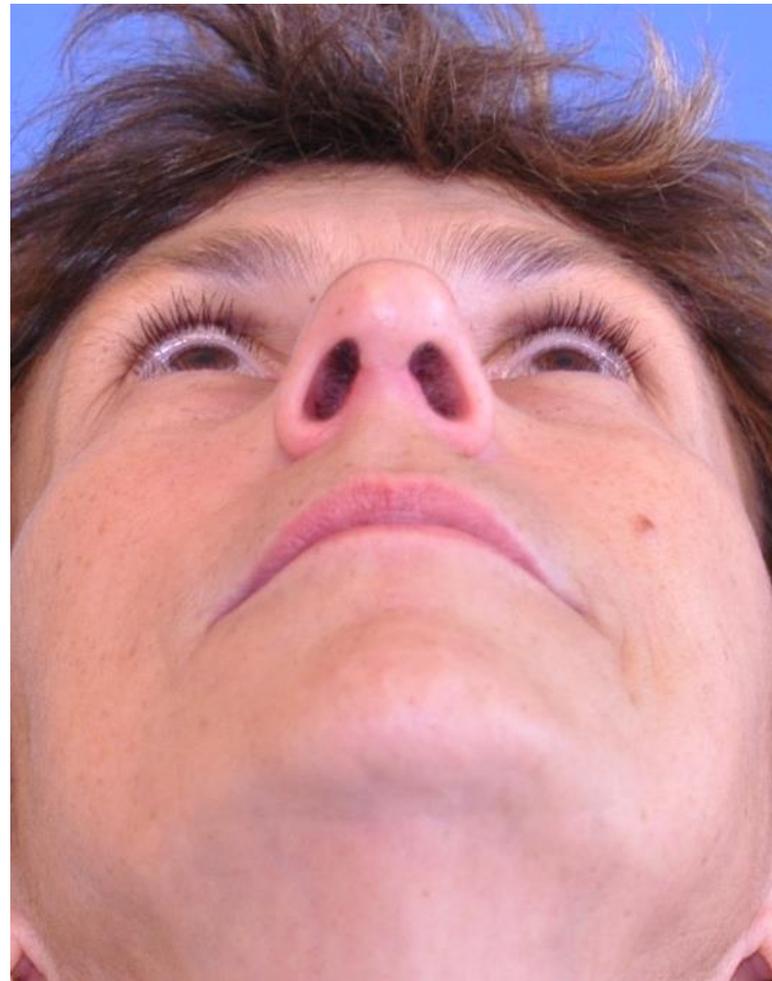


Valve nasale externe





Avant



Après

Pré op



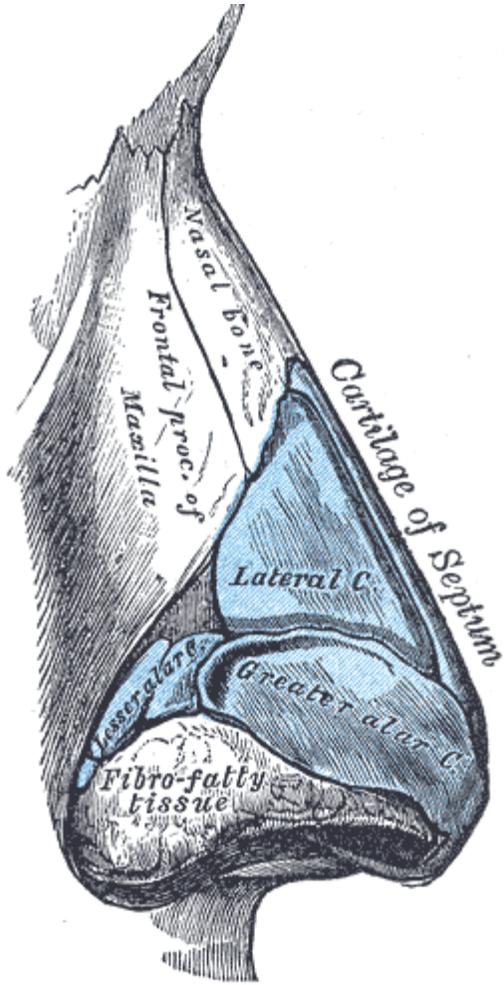
En inspiration

Post op



En inspiration

Take home message



- La forme rejoint la fonction
- Causes architecturales de l'obstruction nasale:
 - Déviation septale → **septoplastie**
 - Déviation rhino-septale
 - Syndrome de valve nasale
 - Hypertrophie turbinale → **turbinoplastie** } **Rhinoseptoplastie**
- Se méfier des causes multiples (hyperréactivité de la muqueuse + obstruction architecturale)

Merci de votre attention