



## A Key Doctor's Diary: The Central Pillar for Facial Harmony

### Aquamid® provides superior, lasting results in remodelling the nose using deep sub dermal filler.

A significant new category of cosmetic procedure patient is emerging: those seeking non-surgical nasal reconstruction.

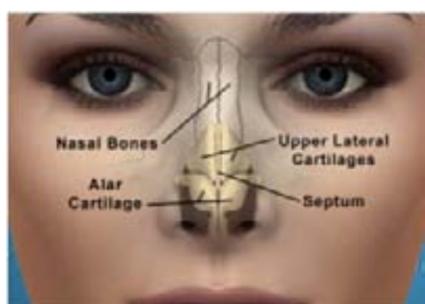
Many people are unhappy with the appearance of their nose but unwilling to undergo the pain, expense and extended recovery time involved in rhinoplasty surgery.

In some cases the cause of their dissatisfaction is quite minor; sometimes this can occur post rhinoplasty. Others simply wish to improve the appearance of irregularities in the shape and length of their noses. Asian patients often desire contouring to create a bridge and reduce a flattened appearance.

In recent years the non-surgical rhinoplasty achieved by the strategic use of deep sub dermal filler has become a very popular procedure, often achieving precision and subtlety of results that are not possible with surgery.

## Nasal Technique

- Place the needle/cannula all the way to where you want to deposit the product and inject in a retrograde fashion as you withdraw. **Note particularly the non injecting hand.** This is a critical element as it allows the product to be placed accurately and means that it will be contained where it is placed. The laws of physics determine that a fluid in a space will follow the path of least resistance. Make that path your desired placement of the Aquamid by creating an area of high resistance adjacent to where you want the Aquamid to go.
- Next you build up the projection of the dorsal spine to the desired amount and then if necessary run parallel lines of product on either side to get the desired thickness of the nose.
- Place a small amount of product right at the tip to enhance this. If further tip projection is required then direct your needle/cannula down through the leaves of the crural cartilages as they form the columella. With only a small amount of product the tip can be lifted forward the same way a deflated bicycle tyre can be made to stand up and hold its shape by having a higher intrinsic pressure inside.



Video 1



Video 2

### Technical Key Learnings

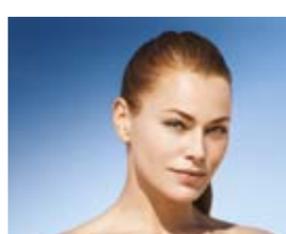
- Inject from the tip into an avascular approach to the dorsum of the nose [Video 1](#)
- The potential space created by the Ala cartilages provides the ingress
- Sub dermal plane allows for distortion of the skin and projection of the profile
- Tip augmentation is via columella and elevation comes due to the mechanical effect [Video 2](#)
- Using a needle or a cannula, the length of the instrument is important as well as the gauge; we recommend a 27" gauge needle/cannula
- Don't inject under the muscle in the nose, it will cause a big pressure, and the product will spread (compartment syndrome)

### Patient Selection

- Note the [Instructions For Use](#)
- [Read the guidelines](#) on patient selection
- Watch the video on patient selection



### Complications of Nasal Augmentation



- Straightness of the correction
- Profile projection
- Vascular compromise
- Hydro static pressure to occlude vessels
- Volume and placement are critical

### Use of Small Volume Treatment

Necrosis over nose is due to pressure. The average volume used for rhinoplasty is 0.7 – 1 ml. No more than one syringe. It is better to under-correct and treat the returning patient.