International Session 2

Facial soft tissue augmentation using filler focused on Filler augmentation rhinoplasty

Hyeon Jo Kim
Dr. Kim’s Clinic

A variety of dermal fillers is available and has been used for soft tissue augmentation. Dermal fillers, also known as “soft tissue fillers” do just what their name suggests: they fill in the area under the skin.

They all work to improve the appearance of depressed forehead and cheek, eye trough, glabella wrinkles, nasolabial fold, thin lips, small nose, short jaw line and other areas of the face.

Ideal characteristics of dermal filler include longevity, biocompatibility, low adverse event of profile and a reasonable cost.

Hyaluronic acid fillers have many advantage as the desirable properties of facial filler, so hyaluronic acid fillers have become popular dermal filler augmentation agent over the past several years. Most of these hyaluronic acid fillers are temporary because they are eventually absorbed by the body. The effect last for about 10 months or longer.

Filler augmentation is the most widely used surgical procedures in cosmetic surgery including rhinoplasty.

The nasal augmentation has long been wanted among Asians who have relatively smaller nose than Caucasians.

Because of its simplicity, augmentation rhinoplasty with filler material has been used as alternative choice of the operative augmentation rhinoplasty. Most of patients receive filler augmentation on their nasal dorsum and nasal tip. Average dose for the nasal dorsum augmentation is 0.9 ml. As skin and soft tissue are abundant at the nasal dorsum and tip, they are easily elevated when filler material is injected.

However, in case of supratip depression, there is a lack of skin and soft tissue, therefore, the filler material injected is redistributed into the nasal tip and dorsum. Ideal filler material for augmentation rhinoplasty should be located at the injection site without quantitative change. The unsatisfactory results include ill defined lateral aspect of nose, widening of injected filler and migration.

Therefore, the filler materials should be used according to its properties and nasal anatomical characteristics.

Conclusion: Filler augmentation rhinoplasty is the alternative choice of the operative augmentation rhinoplasty to the patient who wanted less invasive techniques, no downtimes (recovery time) and have the fear of the operation.