L – SILICONE IMPLANT IN AUGMENTATION RHINOPLASTY FOR THE ASIAN
( 15 years of experience )

Speaker : Mr DIEP THE DUNG M.D
Specialty : Cosmetic Surgery
Clinic : Dr Dung ‘s Beauty Clinic
Address : Can Tho city
Country : Viet Nam

MEDICAL DEGREE

Graduated degree : General Medical Doctor
Post graduated degree : one year post graduated in plastic Surgery.
Ophthalmology : one year training course in General Ophthalmology in Singapore.
Cosmetic surgery : 9 years training course in cosmetic surgery around the world.
Visiting surgeon of the Royal Australasian College of Surgeons

OBJECTIVE

The objective of the method is to reshape the nose by using L-silicone implant for augmentation rhinoplasty in order to make the patient’s nose more naturally beautiful and without risks.

BACKGROUND OF THE METHOD

1) Shape of L - implant

Silicone implant has three components : (Photo)
- A dorsal component
- A lobular component
- A columellar strut
  a) Dorsal component :
    - It plays a role in elevating the height of the dorsum.
    - A dorsal component has a groove on its posterior surface allowing the apposition to the dorsum.
    - All edges are tapered to facilitate inconspicuous blending.
  b) Lobular component :
    - It is smooth and moderately broad.
    - It plays a role in creating a part of nasal tip projection.
      + lengthening the nose at the anterior surface of the lobule.
  c) Columellar strut :
    - It plays a major role in:
      - Elevating the nasal tip projection via the lobule.
      - Creating a nasal pyramid like a westerner’s nose. That will explain the natural beauty of the nose.
      - Keep the implant not to prolapse downward by the time.
      - Help the surgeons know the early sign of malposition of the implant right in the operation, then they can revise it right away.

2) Shape of the nose

In Viet Nam, there are many kinds of nasal shape, but in general, we can list them into 4 groups:

a) Group 1: (Photo)
  - Short nose with low bridge.
  - The lobule is higher than the dorsum, they are not on the same level.
  - Increased alar flare.
  - Nasal base is wide.
Most of the noses of the Vietnamese are in this group.

b) Group 2 : (+ photo )
- Long nose with low bridge .
- The lobule is lower than the dorsum.
- Tip projection is deficient .
- The nasal base is wide or narrow .

c) Group 3 : ( photo)
- Broad flat dorsum with a shallow .
- The lobule is much higher than the dorsum
  It is broad .
- Increased alar flare .
- Nasal vestibule is exposed .
It is so-called the saddle nose.

d) Group 4 : ( photo)
- Short nose or long nose with low bridge .
-Depressed origin at the nasion .
- The lobule and the dorsum are on the same level .
- Nasal floor is narrow.

All of these groups can be performed by L-shape method . Understanding clearly the shape of the nose will help you design the implant sucessfully .

ADVANTAGES

- It is a simple method and easy to perform augmentation rhinoplasty .
- It takes a short time for 1 case of operation , about 20 minutes .
- It creates a balance on the face between the 3 parts : frontal , nasal and mental .
- The nose from this method looks more attractive and is the most naturally beautiful in most of the cases.
- The product is cheap and easy to buy.

MATERIALS OF THE METHOD

a) L - shape silicone implant : (photo)
   There are 2 kinds :
   • sharpened implant : ( photo )
     it is made by the producer , we can use it right in the operation .
   • non- sharpened implant ( photo )
     From a piece of silicone implant, we must sharpen it into an L- implant .
     We can sharpen the implant before or right in the operation .

b) Solution for local anesthesia .
   Includes : * lidocaine 2% with adrenalin 1/100.000 .

c) Surgical equipments : (photo)

d) Non absorbable thread for suture .

METHOD

The first case of using L – silicone implant was performed by myself in 1995 . Since that time , there have been many changes about the shape and technique so that it can become a successful method for performing nasal cosmetic surgery .

a) Operation
   After injecting the solution for local anesthesia into the lobule in many directions and along the dorsum of
nose.
- we use blade No 15 with knife handle No 3 to incise along the edge of the nostril.
- Use short metzenbaum scissors to open the lobule of the nose.
- Use long metzenbaum scissors to create a tunnel along the nose in order to insert the dorsum of the implant.
- Use small curved scissors to create a pocket in front of the columellar in order to insert a silicone strut.
- Suture the wound by non-absorbable thread and remove it 7 days after the operation.
- External tape dressing is applied along the nose and we remove it 4 days after the operation.

(Results observed by photos before and after surgery.)

COMPLICATIONS

a) Infection
   It happens on the 10th day after the operation, there is yellow exudate along the wound. In most of the cases, the symptom will be long-lasting.

b) Deviation
   It happens after 7 days and it becomes clear after 2 weeks.
   If the implant deviates a little, the patient can accept this result.

c) Prolapse
   It rarely happens.
   If it does, we should be warned that there is an infection behind it.
e) Redness on the nasal skin. (photo)
   It appears on the tip of the nose or in the center of the dorsum.
   - In a few cases, it will disappear after 1 year.
   - In most of the cases, it will be long-lasting by the time.

f) Tiny blood vessels formation. (photo)
   They are along the center of the dorsum.
   They will be long-lasting by the time.

g) Delayed extrusion:
   It is the most serious complication of L shape-implant method but it rarely happens.
   It is due to:
   - malposition of the silicone strut.
   - the strut is too sharp.
   Location of implant exposure: It is most common in the columellar region.
   Now I am very proud to inform you that during the last 2 years, I have controlled all of the risks from this method with the following rates:
   - Infection: 0%
   - Prolapse: 0%
   - Deviation: 0%
   - Redness of the skin: 1%
   - Tiny blood vessels formation: 0%
   - Extrusion of Silicone strut: 0%

CONCLUSION

Through all my lecture that I have presented to you and over 30 photos before and after the surgery, I can have a conclusion.
- We can achieve the most natural beauty of the nose so that people can not differentiate the nose of L-shape from the naturally beautiful nose.
- After many years of challenges in performing augmentation rhinoplasty by using L-shape implant, I have controlled all the risks caused by this method.
- Augmentation Rhinoplasty by L-shape silicone implant is the best choice for the Asian.

I am very happy and confident when I apply this method to the Asian people.

- END -

- THANK YOU FOR YOUR KIND ATTENTION -