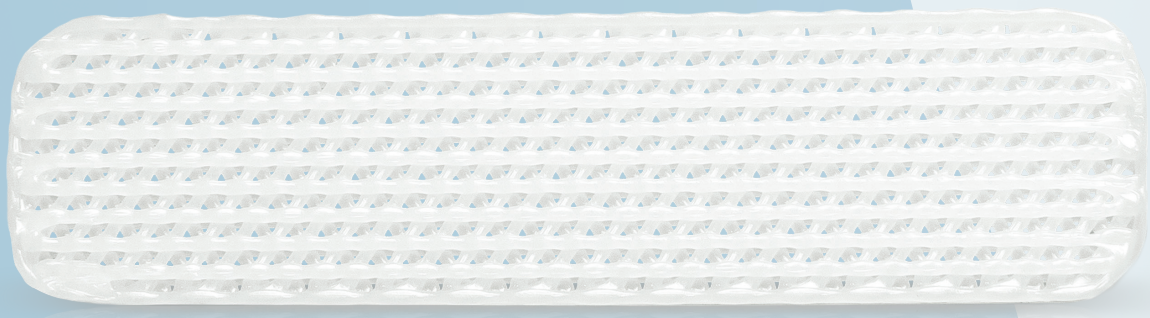
Osteomesh®

for Septal Extension Grafting

Surgical Technique Guide



Osteopore®

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Osteomesh® for Septal Extension Grafting

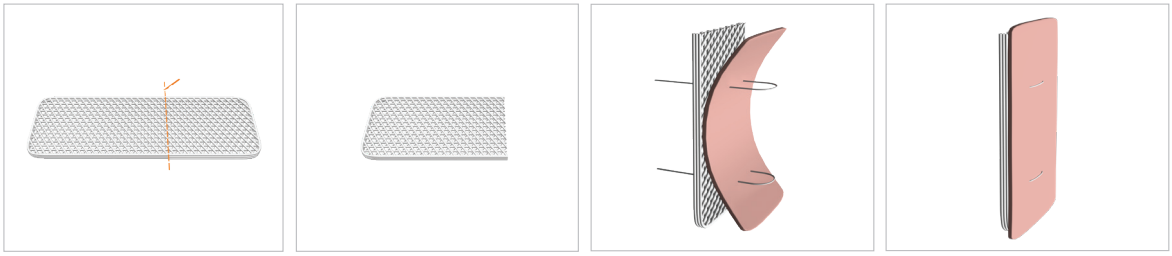
The incorporation of Osteomesh® strengthens the patient's septal extension graft. This bioresorbable scaffold provides good structural support to achieve long-term aesthetically pleasing nasal reconstruction outcome.

1 USE STANDARD OPEN TECHNIQUE TO CORRECT ANY DEFECT

2 HARVEST CARTILAGE GRAFTS

3 PREPARE OSTEOMESH®

- You may measure and trim the Osteomesh® according to the intended length of nose projection.
- Secure the harvested cartilage on either one side (on the ridged surface) or both sides of the Osteomesh® using sutures. This combination acts as a stable support while preventing extrusion by reducing contact with the mucous membrane.

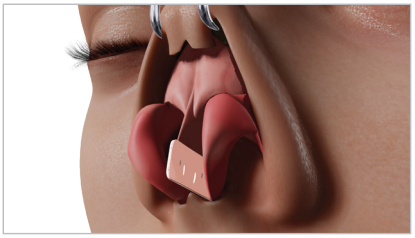


Warning: This description is not sufficient for immediate application of the implant. Instruction by a surgeon experienced in handling the implant is highly recommended.

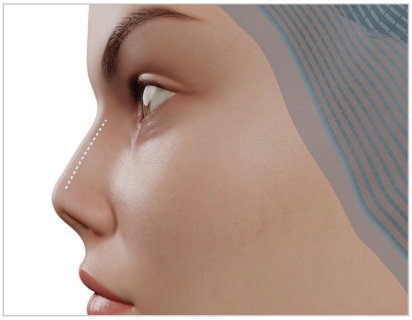
4 INSERT OSTEOMESH®-CARTILAGE COMPLEX

- Insert the Osteomesh®-cartilage complex between the alar cartilages, and secured at the caudal septum using sutures.

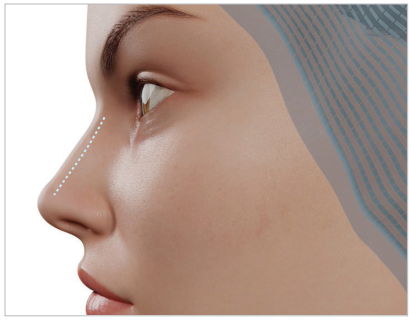
  If only one side of the mesh is covered with harvested cartilage raft, ensure that the Osteomesh® is facing the septum to minimize direct contact of Osteomesh® with the mucous membrane.
- Ensure that the adjacent cartilages are also secured to the complex, to minimize movement of the product. This may be achieved with sutures.
- Ensure that the alar cartilages covers the product completely.



5 CLOSE UP SURGICAL SITE



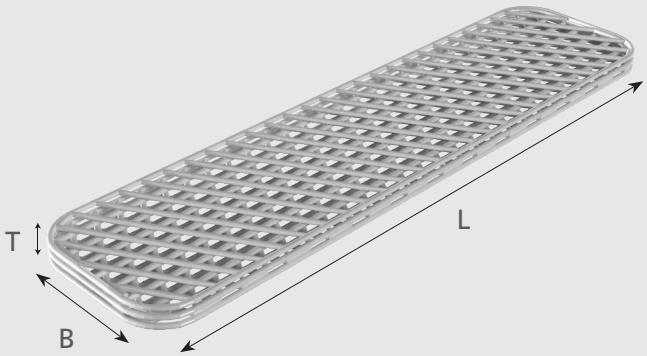
Before



After

This guide is adapted from clinical experience by Dr. Tan Kar Su, Medical Director of The Rhinoplasty Clinic at Mount Elizabeth Novena Medical Centre, Singapore.

Implant Sizes



Product Code*	Size (L x B x T)/mm
PC12 (39,10,1)	39 x 10 x 1
PC12 (39,10,1.25)	39 x 10 x 1.25

Please refer to the Instructions for Use which is provided together with the product for more details on indications, contraindications and other relevant information. The Intended Use / Indications may differ between countries.

*More sizes might be available depending on your country. Please check with your local sales representative for more information.

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Osteomesh®

Osteomesh® is a bioresorbable implant with a patented interconnected porous architecture. It promotes tissue ingrowth.

Osteomesh® is made of polycaprolactone (PCL), a biodegradable polymer which degrades and resorbs fully in vivo by hydrolysis and is then metabolized by the body. It possesses an optimal resorption rate which maintains mechanical integrity during the healing process – minimizing adverse host-implant and inflammatory reactions.

Depending on the patient's anatomy and metabolism, Osteomesh® has a gradual resorption profile of approximately 18 – 24 months.

It is fabricated in compliance with current Good Manufacturing Practice (cGMP, EN ISO 13485) and provided sterile (gamma irradiation, EN ISO 11137).

Osteomesh® Material	Polycaprolactone
Porosity	Design for tissue incorporation
Sterility	Osteomesh® is provided sterile by gamma irradiation, in a single layer foil packaging. Do not re-sterilize Osteomesh®. This may cause the implant to not be sterile, and/or not meet the performance specifications and/or alter the material's properties.
Malleability	You may shape Osteomesh® using only sterile warm saline. **Caution:** *Ensure that the temperature does not exceed 45°C. Do not place Osteomesh® in the warm saline for an extended period as it may cause Osteomesh® to melt.*
Shelf Life	Please refer to product labelling for expiry. Do not use after expiry.

Contraindications

1. Do not use in patients with conditions including latent or active infections, systemic disorders which will hinder wound healing, or with insuffcient quantity or quality of cartilage.
2. Do not use in contaminated surgical areas.
3. Do not use in patients with septic reactions.
4. Not indicated for load bearing anatomical sites.
5. Do not use in areas exposed to outside environment.

For Professional Use.

CAUTION: See Instructions For Use for full prescribing information, including indications, contraindications, warnings, and precautions.

Osteopore®

Empowering Natural Tissue Regeneration

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