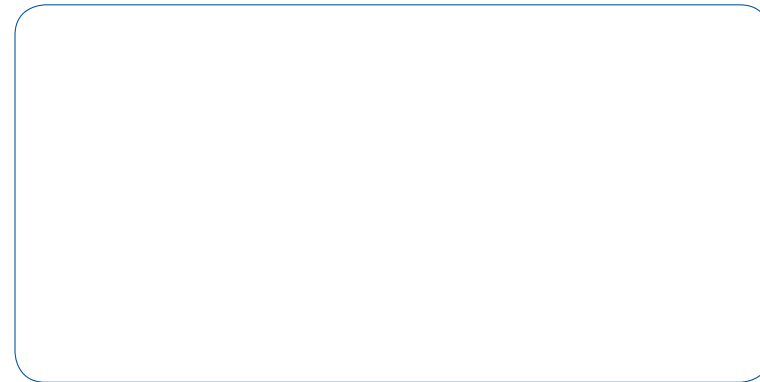




More information  
Please contact our local Polyganics representative for more information



The information presented in this brochure is intended to inform and demonstrate the product. Always refer to the package insert, product label and/or user instructions before using this product.

NASOPORE® and OTOPORE® are registered trademarks of Polyganics B.V., The Netherlands. NASOPORE® and OTOPORE® are manufactured by Polyganics B.V., The Netherlands.

NASOPORE® is CE-approved under CE 0344 and filed at the FDA under number K052099. OTOPORE® is CE-approved under CE 0344 and filed at the FDA under number K070715 and K062540.

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**POLYGANICS**  
Bioresorbable Medical Device Solutions

Unique and fast-degrading bioresorbable  
foam dressings for the nasal and ear cavities

**NASOPORE®**  
for Nasal and Sinus Surgery

**OTOPORE®**  
for Outer and Middle Ear Surgery



● Ear, nose and throat surgery

**POLYGANICS**  
Bioresorbable Medical Device Solutions





# NASOPORE®

for Nasal and Sinus Surgery

NASOPORE® is the latest generation temporary nasal dressing designed for nasal surgery. It is a fully synthetic bioresorbable foam eliminating the need for post-operative removal.

NASOPORE® provides tamponade via controlled compression at the tissue site by adopting to the shape of the anatomy. It is able to be easily cut to the preferred size, making its usage extremely versatile and cost-effective.

In contrast to gel dressings, the unique foam structure of NASOPORE® offers and maintains compression strength at the wound tissue during the first 2 days after insertion. In addition, its unique structure has a proven high absorption capacity in contrast to nasal gel dressings.

NASOPORE® foam follows a uniform and rapid fragmentation pattern and is naturally absorbed within several days through the natural pathways of the nose. This minimizes the risk of infection and toxic shock syndrome (TSS).

#### NASOPORE® Key Benefits

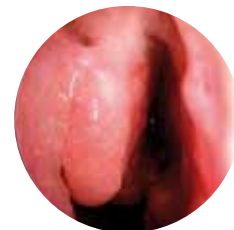
- Fully synthetic foam - clinically proven to be biologically inert.
- Gentle compression during a period of 36 - 48 hours after insertion.
- Biodegradable property results in rapid and uniform fragmentation.
- Easily manipulated to allow optimum placement within the nasal cavity.
- Retains its position after insertion and does not swell.
- Valuable wound support during the critical healing period.
- The unique structure has a proven high absorption capacity, being able to absorb up to 25 times its original weight.
- Prevention of adhesions after nasal and sinus surgery - can be used to medialize the middle turbinate and septum - and prevent lateralization.
- No need for post-operative removal.
- Atraumatic and comfortable for patients.
- Currently, trials are ongoing to assess the use of NASOPORE® as a potential drug delivery carrier.

#### NASOPORE® and surgical procedures

- FESS, Polypectomy, Turbinectomy
- Septoplasty/submucous resection of the septum (SMR)

#### • Ear, nose and throat surgery

Without nasal dressing granulation and formation of scar tissue is observed.



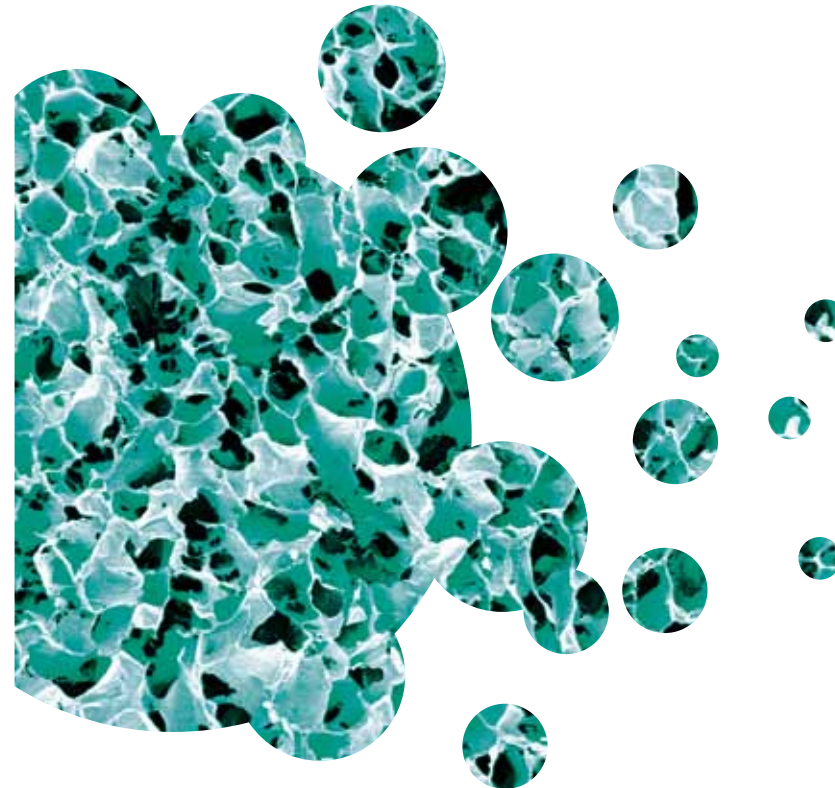
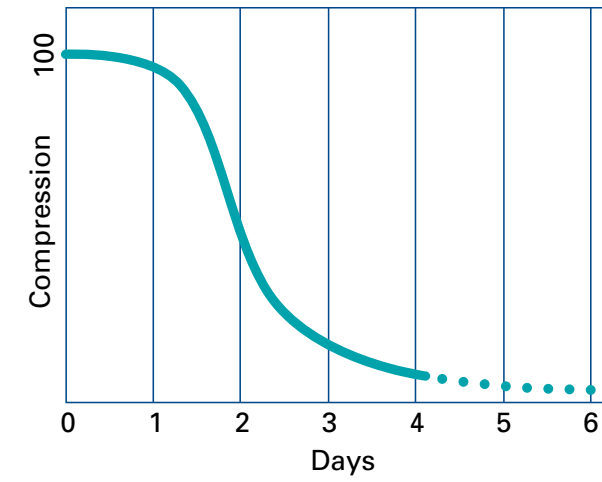
Use of NASOPORE® results in no adhesion



#### Fragmentation

Both NASOPORE® and OTOPORE® are entirely synthetic and contain no organic components of unknown or processed material.

NASOPORE® and OTOPORE® are biologically safe and disappear completely within several days with uniform degradation via the natural pathways. The degradation products are carbon dioxide (CO<sub>2</sub>), water (H<sub>2</sub>O), oxygen (O<sub>2</sub>) and polyamines (natural components of eukaryotic cells).



#### • Ear, nose and throat surgery



# OTOPORE®

for Outer and Middle Ear Surgery

OTOPORE® is designed specifically for the closed cavity and is based on the same unique technology as the NASOPORE® nasal dressing. It is the equivalent offering for use in the outer and middle ear.

OTOPORE® is a biodegradable, synthetic polyurethane foam. It is biologically inert and has a highly interconnected porous structure with a high absorbent capacity.

OTOPORE® can be used to support grafts and prevent adhesions during the critical, early days post-surgery when tissue oedema is at its most heightened.

#### OTOPORE® Key Benefits

- Fully synthetic foam - clinically proven to be biologically inert.
- Gentle compression after insertion.
- The unique structure has a proven high absorption capacity, being able to absorb up to 25 times its original weight.
- Can be used for graft support.
- Minimizes post-operative adhesions.
- Easily manipulated to allow optimum placement within the aural cavity.
- Biodegradable property results in rapid and uniform fragmentation.
- No need for post-operative removal.
- Atraumatic and comfortable for patients.

#### OTOPORE® and Surgical Procedures

- Stapedectomy, Mastoidectomy, Tympanoplasty, Myringoplasty, Canalplasty
- Ossicular Chain Reconstruction
- Graft support like Post Cochlear implant surgery

OTOPORE® is an optimal alternative to Gelfoam®. More than one unit can be applied if needed.

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