

MEROGEL[®]

Nasal Dressing/Sinus Stent & Otologic Packing

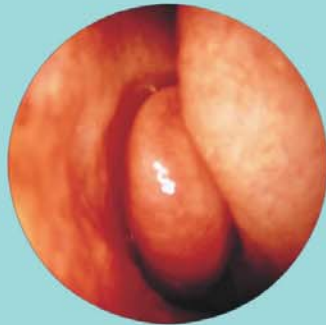


The first bioresorbable anti-adhesion device for the nasal cavity

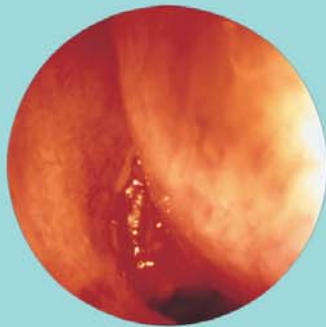
What is Hyaluronic Acid?

Hyaluronic acid is a linear polysaccharide and a naturally occurring constituent of the extracellular matrix. Well-established biocompatibility and wound healing properties enable hyaluronic acid to be used as a medical device to reduce the incidence and severity of postoperative adhesions in the abdominopelvic cavity.

In its dry state, MeroGel[®] packing placed over areas of denuded mucosa or bone absorbs up to 10 times its weight in liquids and helps control minimal bleeding.



When hydrated with drainage or sterile solution, the biopolymer gradually transforms into a muco-adhesive gel after approximately 24-48 hours, separates mucosal surfaces and gradually dissolves after approximately 2 weeks, eliminating painful packing removal.



MeroGel packing is the ideal postoperative dressing for nasal/sinus surgery. It absorbs, it stents, it goes away.



sinus

MeroGel[®] Biomaterial as a Postoperative Dressing following FESS

The ideal material or device for a postoperative mucosal dressing following FESS would help maintain the cavity, decrease mucosal edema, inhibit bacterial growth, promote hemostasis, help prevent scar formation and be bioresorbable or dissolve; obviating the need for removal.

For many years, surgeons have used a variety of different devices or packing materials following FESS to absorb drainage, control minimal bleeding and prevent the middle turbinate from lateralizing. MeroGel[®] Nasal Dressing and Sinus Stent is made from a unique biomaterial — esterified hyaluronic acid, or HYAFF[®] — that helps achieve these objectives.

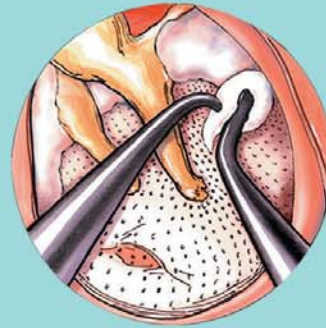
Studies have shown that wounds heal faster and the quality of tissue repair is higher with less fibrous scarring in the presence of hyaluronic acid.



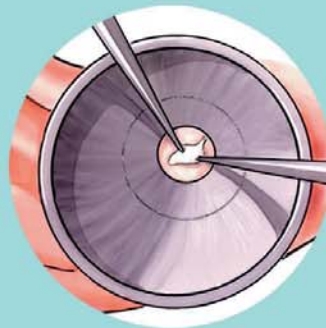
otology

MeroGel® Biomaterial as an Otologic Packing

Little has changed in otologic surgery techniques and packing materials over the past few decades. The most frequently documented complications include middle ear adhesions/fibrosis, dense fibrous capsule formation in response to silicone or fluoroplastic sheeting in the middle ear and chronic granular inflammation of the tympanic membrane graft and canal wall. It is hoped that the use of MeroGel® Otologic Packing created from HYAFF®, an esterified form of hyaluronic acid, during canalplasty, myringoplasty, tympanoplasty and stapes and mastoid surgery, will address the needs of the otologic surgeon.



Small pieces of MeroGel® packing are pulled away, rolled into spheres, hydrated with a sterile solution and placed in the middle ear cavity. The biomaterial does not swell and excess fluid may be suctioned out of the packing.



MeroGel packing typically dissolves in approximately 6 weeks after hydration. In the external ear canal, MeroGel packing will dissolve in approximately 2 weeks if kept hydrated.

Ordering Information



SINUS APPLICATIONS

15-17000	MeroGel® Nasal Dressing/Sinus Stent & Otologic Packing, 4cm x 4cm	1/box
15-17002	MeroGel Nasal Dressing/Sinus Stent & Otologic Packing, Double Pack	

OTOLOGIC APPLICATIONS

15-17100	MeroGel Otologic Packing, 1cm x 5cm	1/box
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**Studies listed on back.*

References

1. Longaker MT et al. Studies in fetal wound healing. A prolonged presence of hyaluronic acid-characterized wound fluid. *Annals of Surgery* 1991; 213:292-296.
2. Grainger DA et al. The use of hyaluronic acid polymers to reduce postoperative adhesions. *J Gynecol Surg* 1991; 7:97-101.

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Germany: 49-211-5293-209	Singapore: 65-6776-6255
Hong Kong: 852-2919-1312	Spain: 34-91-625-05-40
India: 91-22-26836733	UK: 44-1923-212-213
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