

Advanced Wound Healing
Technology - Proprietary NOCC
Chitosan Anti-Adhesion Technology³

- Provides optimal tissue healing and minimizes synechiae and adhesions.
- Separates tissues and maintains moisture

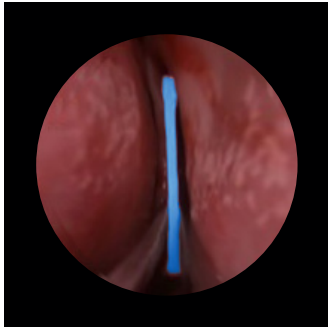
Provides Reliable
Structural Stability¹

- Optimized structural support, 7-10 days



Optimized Ease-of-Use
Compressed Shape-Memory

- PosiSep X advanced shape-memory, compressed wafer design with a thickness of 0.1cm can easily be placed in the sinus with optimal visualization. Once in the desired location, it is hydrated to its original size and conforms in intimate contact with sinus tissue.
- PosiSep X fragments away after 7-10 days. Any remaining material at follow-up can be easily suctioned away.

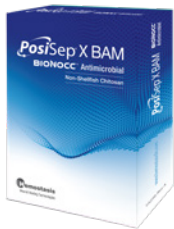


PosiSep X BAM placement



Non-compressed sinus
dressing placement

Part Number	Description	How Supplied
9210974	PosiSep®X BAM Hemostat Dressing/ Intranasal Splint 0.6" x 2.0" 5pk (US)	PosiSep®X BAM is packaged with five (5) sterile, single use units per carton. One (1) sterile unit contains one (1) Hemostat Dressing/Intranasal Splint. PosiSep® X BAM is terminally sterilized by gamma irradiation



CAUTION: Federal (U.S) law restricts this device to sales by or on the order of a physician. For detailed information regarding indications for use, warnings and precautions, see Instructions for Use.

Microbial efficacy testing has shown a complete absence of viable cells after the sponge was inoculated with various gram-positive bacteria, gram-negative bacteria, and fungi (greater than 4-log or 99.99% reduction of all organisms tested) for up to 7 days. Therefore, the PosiSep® X BAM offers protection against a broad spectrum of microorganisms commonly associated with nose morbidities. Microorganisms tested include: Staphylococcus aureus, Staphylococcus aureus (MRSA), Streptococcus pneumoniae, Pseudomonas aeruginosa, Klebsiella pneumoniae, Moraxella catarrhalis, Candida albicans, and Aspergillus brasiliensis. Note: A correlation between in-vitro testing and clinical effectiveness has not been established.^{1,2}

References

1. Internal Data Available

2. FDA 510K, K220326. 510K, Summary. Final

3. Hsu, K.; Ericksen, M.; Catalano, P. Effect of a Chitosan-Based Biodegradable Middle Meatal Dressing after Endoscopic Sinus Surgery: A Prospective Randomized Comparative Study. Sinusitis 2016, 1, 3-12.

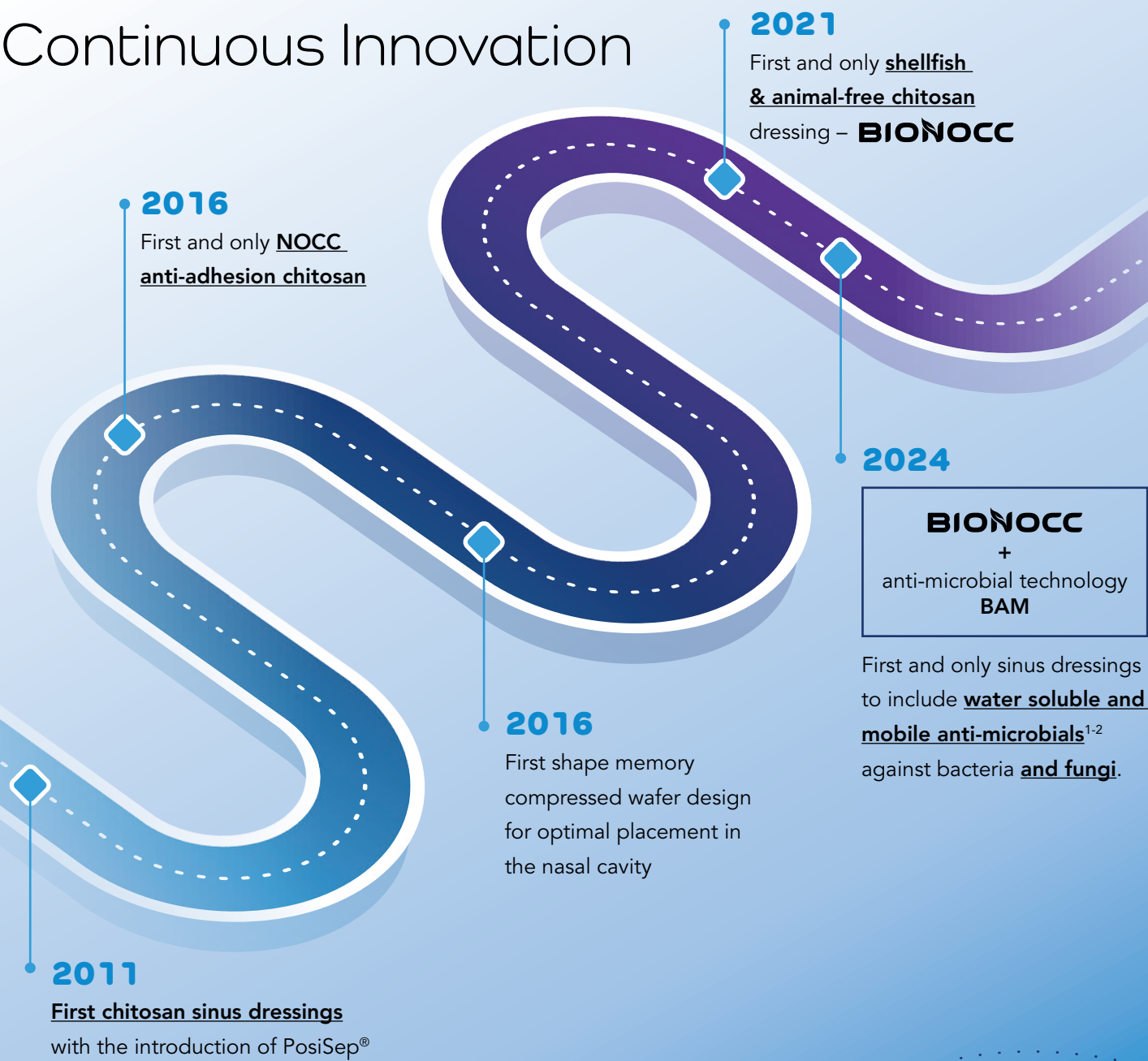
PosiSep® X BAM
BIONOCC Antimicrobial
Non-Shellfish Chitosan



The Next Generation
of Sinus Dressing

Mobile AntiMicrobial
and
BioNOCC Non-Shellfish Chitosan

Continuous Innovation



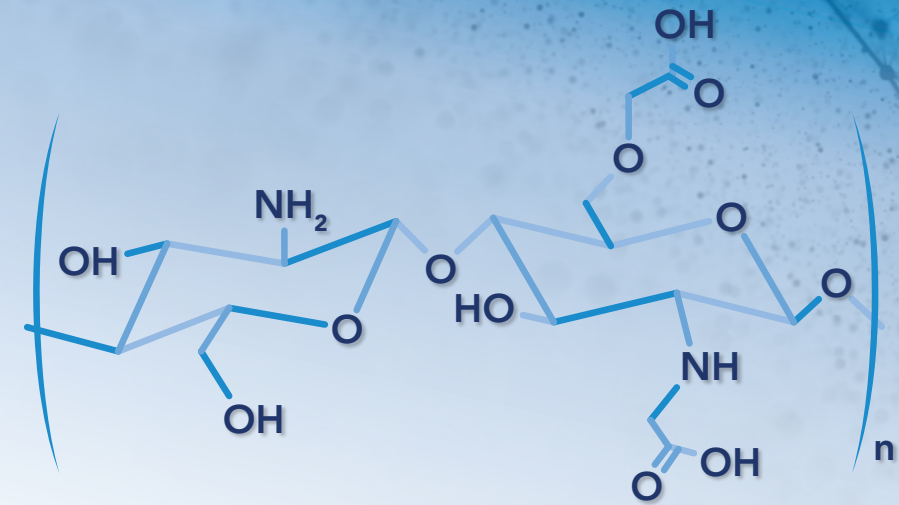
Introducing BAM - from Hemostasis, the innovation and technology leader in sinus dressings. BAM incorporates Hemostasis’ shellfish-free BioNOCC chitosan with two water-soluble and mobile antimicrobials to bring the next generation of sinus dressings to the ENT market.

BAM is another first in advancing the sinus dressing market. Hemostasis first pioneered chitosan technology in 2011 with the introduction of PosiSep. In the continual pursuit of improvement, we introduced our NOCC anti-adhesion technology in 2016, along with a compressed, shape memory wafer technology for optimal ease of use. This set a new bar for sinus dressings.

We followed this with the introduction of BioNOCC, the world’s first non-shellfish chitosan sinus dressing. BAM takes the innovation process to a new level, adding two antimicrobial agents for gram-positive gram-negative bacteria and fungi protection.

BIONOCC
Non-shellfish
Chitosan Technology¹

- A chemical structure identical to NOCC but not derived from shellfish eliminates shellfish allergy concerns.
- Chitin is isolated from non-shellfish sources and polymerized into NOCC



Mobile and Water-Soluble Anti-Microbial Agents¹⁻²

- Methylene blue and Gentian violet mobile and water-soluble agents.
- >4 log reduction for gram-positive and gram-negative bacteria and fungi (>99.99%).

Bacterial Strain (Gram Positive)	ATCC	24 Hours	48 Hours	7 Days
Staphylococcus aureus	6538	—————>4 log reduction (>99.99%)—————→		
Staphylococcus aureus (MRSA)	33591	—————>4 log reduction (>99.99%)—————→		
Staphylococcus pneumoniae	6301	—————>4 log reduction (>99.99%)—————→		
Bacterial Strain (Gram Negative)	ATCC	24 Hours	48 Hours	7 Days
Pseudomonas aeruginosa	9027	—————>4 log reduction (>99.99%)—————→		
Moraxella catarrhalis	25240	—————>4 log reduction (>99.99%)—————→		
Klebsiella pneumoniae	4352	—————>4 log reduction (>99.99%)—————→		
Bacterial Strain (Fungi)	ATCC	24 Hours	48 Hours	7 Days
Asbergillus brasiliensis	16404	—————>4 log reduction (>99.99%)—————→		
Candida albicans	10231	—————>4 log reduction (>99.99%)—————→		

>4 log removal: Greater than 99.99% removal against listed microorganisms