

FEATURE	BENEFITS
The material has a proven clinical history, over 60 years of Global Usage	Doctors are very comfortable with the expected results and actions of gelatin sponge.
Blood absorption rate is 40-50 times its weight	Highly effective blood collecting sponge, leading to blood platelet aggregation and heamostatis
Achieves mechanical heamostatis in 2-3 minutes, by platelet adhesion, via surface contact	Proven fast & effective heamostatis
Is naturally resorbed by the body, 2-3 days on mucosa, 4 weeks maximum.	<ol style="list-style-type: none"> 1. No need to remove and put patient through the discomfort of removal. 2. Can be implanted with confidence that it will "go away" naturally
Minimal swelling less than 10%	Lowers concern of the sponge swelling enough to damage delicate collateral structures
Proven compatibility with all drugs	NOSZEL™ can be soaked in any medicine(s) to deliver pinpoint medicinal applications



NOSZEL™
Absorbable Gelatin Sponge USP





What is NOSZEL?

In any surgical procedure, hemostasis is vital to success.

NOSZEL™ Absorbable Hemostatic Gelatin Sponge is a quick and effective hemostatic which stops bleeding fast. It reduces intraoperative bleeding and surgery time.

NOSZEL™ is non-toxic, non-llergenic, non-immunogenic, and non-pyrogenic. NOSZEL™ is already gamma-sterilized, and thus does not need to be reesterilized. It is available in a convenient, ready to tear sterile Pouch, NOSZEL™ unlike many haemostatic agents, does not require special storage conditions. The uniform porosity of NOSZEL™ guarantees a favorable haemostasis. When implanted in vivo, it is completely absorbed within 3-4 weeks, with no residue and no encapsulation.

How does it work?

NOSZEL™ adheres to the bleeding site and absorbs approximately 45 times of its own weight of blood. It has a porous structure which activates the thrombocytes at the moment blood comes in contact with the matrix of the sponge. This causes the thrombocytes to release a series of substances which promote their aggregation at the same time as their surfaces change character, thus enabling them to act as a catalyst for the formation of the fibrin, which stops the bleeding. When implanted in the tissues, it is absorbed within 3-4 weeks.

Where to use

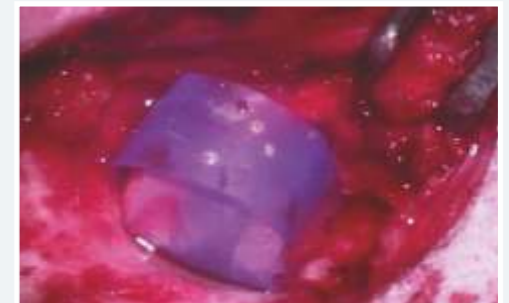
To achieve hemostatis and to keep fascia or perichondrium in the middle ear in place or in the outer ear canal as support in for example:

- ENT surgery
- Tympanoplasty
- Myringoplasty
- Stapedotomy
- Implants in middle ear



Why to apply

- **Unsurpassed anti-adhesive and heamostatic**
Because of the firm higher density then standard cubes, the cubes stay longer in place, and are as such perfectly suited to be inserted to support and separate tissue to prevent adhesions and to control bleeding.
- **User friendly application**
Clinical study report demonstrated: Excellent processing abilities and no fuzzing was observed.
- **Safe, no complications**
it has been demonstrated: The postoperative period of 7 to 21 days can be passed without complications. There was no sign for a foreign body reaction, inflammation or formation of granulation tissue due to the internal or external application of ENT gelatin sponges. There was no new bone formation either. The removal of ENT gelatin sponges cubes are easy.



How to use in easy steps

- Soak the high density ENT cube in antibiotic, or sterile saline solution, or use dry.
- If used dry, the sponge is cut into the desired size and is slightly compressed. The sponges must be applied to a bleeding area under light pressure for one or two minutes until the bleeding stops.
- If used wet, withdraw NOSZEL™ ENT cubes, and squeeze thoroughly between gloved fingers to expel air bubbles. Replace in saline, and keep there until needed.
- When bleeding is controlled, cubes can be left in situ.
- When needed support is achieved, the cubes may be removed from the hearing canal.

NOSZEL™ ENT may be used in combination with antibiotics, chemo therapeutics without reduction of the sponge's haemostatic effect. Carefully read applicable instructions for use before usage.