

# Willospon® CE-0120

The foremost solution for haemostasis in surgery

# Willospon® CE-0120

The foremost solution for haemostasis in surgery

## Product description Willospon®

**Indications:** Willospon®. In parenchymal and thoracic surgery, ENT surgery and neurosurgery. Willospon® is intended for local haemostasis in surgical procedures whenever sutures or ligatures are not possible, sufficient or too time consuming. To stem the blood flow from: capillary bleeding, parenchymal bleeding, seepage bleeding, arteriovenous bleeding in combination with local pressure.

Willospon® Dental. In dentistry, following tooth extraction, and prior to filling cavities resulting from the removal of mandibular or maxillary cysts.

Willospon® Tampon. In anal and rectal surgery.

**Method of use:** Willospon® may be used dry, or after immersion in a physiological saline solution and squeezed dry before the sponge is introduced. Press Willospon® firmly onto the site of bleeding where it will adhere after a short time and control the bleeding. The sponge may remain in place (provided that the necessary aseptic precautions are taken) and the wound closed as the sponge is completely absorbed after a few weeks.

Willospon® Tampon. In anal and rectal surgery, introduce a dry anal tampon with the help of a proctoscope at the end of the surgical procedure. Place dry gauze in the rima natis. The buttocks must be held together by means of a T bandage. Bacterial invasion ensures the rapid dissolution of the sponge which softens and is spontaneously removed by defecation. The Willospon® Tampon is provided with an opening into which a flatus drain can be introduced.

**Special precautions:** In neurosurgery, large pieces of sponge should not be left in closed cavities, since swelling can cause compression of nerve tissues (this applies to all materials with expanding properties).

**Contra-indications:** None known

**Side effects:** There are no known reactions caused by Willospon in literature.

**Guarantee:** Will-Pharma guarantees that these medical disposables are free of material defects and manufacturing errors. The above guarantees replace all other guarantees, either express or implied, including any guarantee of sale ability or suitability for a specific objective. Suitability for use of this medical device for a surgical procedure is determined by the user.

Will-Pharma cannot be held liable for incidental damage or consequential damage of any type whatsoever.

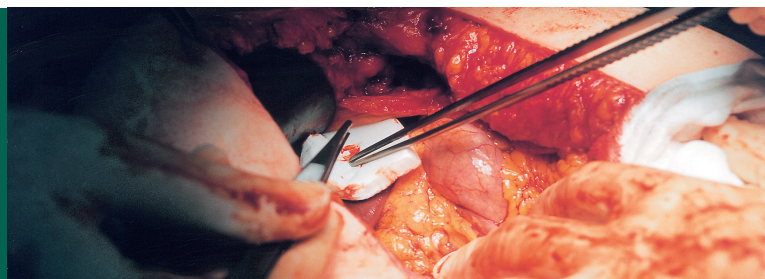
Keep Willospon® in a dry location, between 15°C and 25°C and out of direct sunlight.

**Batch numbering:** All Willospon® packaging has an EAN code and a batch number. The sponges are manufactured under ISO 13485 conditions and comply with the guidelines applicable to the CE mark.

**Quality:** Will-Pharma's quality requirements comply with the ISO 9001 standard, and the manufacturing requirements of the meshes comply with the ISO 13485 standard. Regular audits are performed in order to maintain these high quality requirements.

Willospon® is a registered trademark of Will-Pharma

Will-Pharma, Wilgenlaan 5, 1161 JK Zwanenburg, the Netherlands  
+31 (0)20 497 65 51



Purified BSE-free, Pharmaceutical Gelatine of uniform porosity and neutral pH

Non toxic, no allergic reactions or other side effects; excellent tolerability

State of the Art production process, without use of formaldehyde

Double packed and gamma sterilized at 2,5Mrad (25 kGy)

Absorbs up to 30 times its own weight, practically without swelling

Completely absorbable in 3-4 weeks when left in situ, without residue, in open cavities reabsorption in approximately 3 days

Ready for immediate use and can be cut into any size or shape

Can be applied in dry state or moistened with physiological salt

May be used as carrier for antibiotics, thrombin, chemotherapeutics or other drugs, without reduction of haemostatic effect

Reduces the time of surgical interventions

Produced under ISO 13845 and CE certified; class 3

WILL PHARMA

WILL PHARMA

# Willospon®

CE-0120

The foremost solution for haemostasis in surgery

For more than 50 years, gelatine sponge Willospon® has repeatedly proven their excellent haemostatic properties in all surgical procedures and wound healing. Dispensed as sterile absorbable sponges, Willospon® is used for controlling oozing bleedings when conventional haemostasis is tough to realise and when the use of non-absorbable material is undesirable.

Since Willospon® is already gamma-sterilized, it should not be resterilized. Double packed for operating theatre cleanliness, the final packaging is presented in ready-to-use form to the surgeon, who can take it with dry sterile gloves and/or instruments. The sponge is easily cut to fit the bleeding surface and may be directly applied to the wound using pressure. The origin and degree of bleeding will determine the precise time and number of sponges required for haemostasis.

## For wound treatment

In wound treatment, ulcers must first be debrided. Willospon® can then be placed according to desired size, with or without specific solutions.

- Maximum healing rate is achieved if the following conditions are observed: When used dry or after submergence in a physiological saline or other solution.
- This should be wrung out before applying the sponge.
- When the wound surface is kept moist but not wet.
- When oxygen and carbon dioxide are allowed to diffuse.
- When excess fluid is able to evaporate through the dressing and/or be absorbed by it.
- When new tissue does not become incorporated in the dressing and has to be removed.



## As a drug application vehicle

Willospon can be used together with antibiotics, chemotherapeutics or thrombin without any reduction in its haemostatic properties.

When placed in situ, where it may remain once the necessary aseptic precautions have been taken, Willospon can be saturated with the applicable medicine.

Adrenaline-saturated Willospon can even be applied in stemming acute bleeding in ear surgery. This option of medicinal support at the internal local level, thereby reducing operational stress, is proving a desirable addition to surgical practice.

The uniform porosity of Willospon® sponge creates a favourable environment for platelets to adhere to network and causing them to break down, thus to release of thrombokinas. This stimulates the growth of connective into the pores and initiates the clotting reaction. Once this process is underway, absorption takes place gradually, hygienically and above all safely.



Willospon® is a sterile, absorbable gelatine sponge that offers powerful haemostatic properties