

EquiSpon

Absorbable Gelatin Sponge, Film and Powder USP

EquiSpon absorbable hemostatic sponges and powder are made of Pharmaceutical Gelatin and are indicated for use to control minimal bleeding by tamponade effect, blood absorption and platelet aggregation following ENT surgery and to prevent adhesions in the nasal cavity. Gelitan sponges are effective in supporting the new graft in the outer ear canal after tympanoplasty and buttressing middle ear implants.

Superior hemostatic capabilities

Controls minimal bleeding and oozing

Degradable - No need for painful traumatic removal

CE Marked and FDA Cleared for ENT Applications

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The basis of EquiSpon is a purified protein obtained by the partial acidic hydrolysis of collagen, known as collagen hydrolysate. This protein is composed of 18 amino acids and is the most important functional building block of inter cellular connective and supportive tissues.

Collagen has a long clinical history as an effective drug carrier. Widespread usage and studies have revealed the beneficial influence of using the unique biological, biochemical and mechanical properties of collagen on the wound healing process.

Materials

Characteristic	Detail
Origin	Animal, porcine, no BSE/TSE risks
Hemostasis	2-3 minutes Mechanical, by platelet adhesion through surface contact
Bio Compatibility	Fully bio-compatible per ISO – 10993 and USP
Blood absorption rate of material's weight	45-50 times
Resorption condition	3 days on Mucous membrane, =/< 4 weeks, no residue, no encapsulation.
pH	7 (neutral)
Swelling	< 10%
Drug Compatibility	Compliant with all drugs
Sterile	Gamma Irradiation

1 Safety

- The FDA classified as GRAS (Generally Recognized as Safe).
- Non allergenic, no cholesterol, pure gelatin, and contains no preservatives.
- Used in over 200 million surgical procedures.
- Demonstrates minimal swelling on use and is PH neutral.
- No reported reactions or interactions with drugs or food ingredients.
- Delivered double packed and sterile.
- Manufactured using extremely stringent protocols.

#2 Handling and Application

- EquiSpon is easily handled and administrated; it can be cut to any desired size/form.
- Supplied pre-shaped, sterile, in a variety of sizes and geometries.
- Positive effect on reducing of analgesics due to synergy drug effects.
- Collagen can be used as a carrier of a wide spectrum of drugs: thrombin, antibiotics, chemotherapeutics.
- EquiSpon powder can be easily fashioned into any amorphous shape or instilled into those hard to get to crevices or sinuses as a gel.

3 Superior Hemostatic Capabilities

- Collagen induces the adherence and aggregation of platelets which initiate hemo-coagulation.
- Absorbs 50x its own weight, stops bleeding fast - generally within 2 minutes.

#4 Wound-healing

- The amino acid composition of Alpha-Gelatin (Collagen) is characterized by the high content of Glycin (33%), Proline, 2-Leucine, 4-Leucine; these are the main activators of bone and wound healing.
- Alpha-Gelatin is equivalent to Accelerated Gentle Wound healing.
- The amino acid composition corresponds to human cartilage matrix.

5 Absorption / Resorption

- Well absorbed due to its low molecular structure.
- Total resorption leaves no residue or risk for encapsulation.

Ordering Information

Catalog No.	Description	Size	Qty
EQU60-20-07	EquiSpon Sponge	60 x 20 x 7 mm	12-7 10
EQU125-80-10	EquiSpon Sponge	125 x 80 x 10 mm	100 5
EQUF-200-70-05	EquiSpon Film	200 x 70 x 5.0 mm	10
EQU80-50-10	EquiSpon Sponge	80 x 50 x 10 mm	50 10
EQU80-30-00	Fenestrated Sponge, Cylinder	80 x 30 mm	5
EQP-01	Equi-Spon® Powder, 1 gram		4
EQP-01K	Equi-Spon® Hemostat Kit Includes: Two (2) 10 cc LL syringes, 18g needle, Flexible applicator cannula, 1gm Equi-Spon Porcine Powder with Mixing container		5



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