Postoperative hemostasis protection in a resorbable surgical sealant.†1,2

Resorbed within 30 days of application. Remains at application site for up to 7 days. †Preclinical data. Results may not correlate to performance in humans.

COSEAL is indicated for use in vascular reconstructions to achieve adjunctive hemostasis by mechanically sealing areas of leakage.

Please read Important Risk Information on the back cover.
COSEAL Surgical Sealant is indicated for use in vascular reconstructions to achieve adjunctive hemostasis by mechanically sealing areas of leakage.\(^1\)

COSEAL Surgical Sealant is designed to provide a rapid intraoperative seal at the suture line and to maintain this protection during the critical postoperative period.\(^1,2\) This allows the body time to complete its natural wound healing process at the anastomosis, supporting the integrity of your work at vascular reconstruction sites that may be at risk for increased bleeding due to:\(^3,4,5\)

- Coagulopathies
- High pressure suture lines
- Friable vascular tissue

COSEAL Surgical Sealant is not to be used in place of sutures, staples, or mechanical closure. Do not inject COSEAL into vessels.

As a fully synthetic hydrogel, COSEAL Surgical Sealant is developed for the right balance of strength, elasticity and time-to-resorption, and is completely free of glutaraldehyde and bovine components.\(^1\)

**BURST STRENGTH**
Can withstand postoperative spikes over 5x normal systolic pressure at up to 660 [±/− 150] mm Hg (in vitro burst test for closure of puncture defects 0.6-0.9 mm diameter, n=4) in porcine carotid artery.\(^3\)

**ELASTICITY**
Thin, motion-responsive seal provides biomechanical compatibility and supports natural vascular dilation.\(^7\)

**RESORPTION**
Resorbed within 30 days of application. Remains at application site for up to 7 days.\(^7\)

*Preclinical data. Results may not correlate to performance in humans.

Please read Important Risk Information on the back cover.
COSEAL Surgical Sealant provides rapid intraoperative control for aortic repair and high-pressure suture lines.1,4,5

At 5 seconds—Gels and Adheres
In the first 5 seconds, COSEAL Surgical Sealant polymerizes to form a hydrogel.2

Works independent of the Coagulation Cascade
COSEAL Surgical Sealant forms a direct mechanical barrier to blood flow, and is therefore unaffected by the patient’s coagulation status.2,5

At ~60 seconds—Full Seal Achieved
At 1 minute, COSEAL Surgical Sealant achieves a full mechanical seal to manage suture hole bleeding.1,4,5

Apply only to dry fields in a thin layer
Wait at least 60 seconds post-application before applying irrigation, contacting the sealant, or restoring circulation and resuming procedure

COSEAL Surgical Sealant swells up to four times its volume within 24 hours of application and additional swelling occurs as the gel resorbs

COSEAL Surgical Sealant is composed of two biocompatible polyethylene glycols (PEGs) that rapidly cross-link with tissue and synthetic graft materials (composed of PTFE or Dacron).1

Important Risk Information
- Apply only to dry fields in a thin layer
- Wait at least 60 seconds post-application before applying irrigation, contacting the sealant, or restoring circulation and resuming procedure
- COSEAL Surgical Sealant swells up to four times its volume within 24 hours of application and additional swelling occurs as the gel resorbs

Please read Important Risk Information on the back cover.
COSEAL Surgical Sealant is easy to apply how and where you want.

- translucent seal – helps to keep suture lines visible
- can be sutured through - after COSEAL Surgical Sealant has polymerized, additional sutures can be easily placed through it without disturbing the seal
- no refrigeration required - COSEAL Surgical Sealant can be stored at room temperature (approximately 25 ºC)
- multiple application options – COSEAL Surgical Sealant may be used with a full range of spray systems for focal and broad application
  - use caution when applying with pressurized gas

Rx Only. For safe and proper use, refer to complete Instructions for Use.

APPLICATION
VERSATILITY THAT’S CLEAR

For broad application
SpraySet with EASYSPRAY Pressure Regulator Unit

For focal application
Flex Direct Tips
(7 cm; 22 cm for MIS)

Please read Important Risk Information on the back cover.
Coseal Surgical Sealant

COSEAL Surgical Sealant Indication

COSEAL is indicated for use in vascular reconstructions to achieve adjunctive hemostasis by mechanically sealing areas of leakage.

Important Risk Information for COSEAL

- COSEAL is not to be used in place of sutures, staples, or mechanical closure.
- COSEAL swells up to four times its volume within 24 hours of application and additional swelling occurs as the gel resorbs. Therefore, surgeons should consider the maximum swell volume and its possible effect on surrounding anatomic structures potentially sensitive to compression.
- Apply only as a thin layer.
- Use caution when applying with pressurized gas.
- Do not place devices or other objects on top of tissue where COSEAL has been applied, until the material is fully polymerized (non-tacky).
- Do not apply COSEAL over any devices or objects that will need to be removed. COSEAL must not be used as a mechanism of adherence, even temporarily, for any object.
- Do not inject COSEAL into vessels.
- In vivo testing demonstrated a mild skin sensitization response in an animal model. Similar testing in humans has not been conducted.

Rx Only. For safe and proper use of these devices, refer to the appropriate full device Instructions for Use.

References


Reorder Number | Product Information | Quantity
--- | --- | ---
934070 | COSEAL Surgical Sealant 2 mL | 1 each
934071 | COSEAL Surgical Sealant 4 mL | 1 each
934072 | COSEAL Surgical Sealant 8 mL | 1 each
934033 | COSEAL Replacement Applicator (7 cm) | case of 5
934034 | COSEAL Extended Applicator (22 cm) | case of 10
0600012 | EASYSPRAY Pressure Regulator Unit | 1 each
0600021 | COSEAL SpraySet (for use with EASYSPRAY Pressure Regulator Unit) | case of 10

To order COSEAL Surgical Sealant, call 1-888-229-0001

www.baxterbiosurgery.com

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