



Coseal
Surgical Sealant

Australian Customer Support Website
<https://www.baxterprofessional.com.au/as-product-guides>

VISIT AU SITE

New Zealand Customer Support Website
<https://www.baxterprofessional.co.nz/as-product-guides>

VISIT NZ SITE

INDICATIONS¹:

- Sealing suture lines along arterial and venous reconstructions
- Enforcement of suture and staple lines in lung resection procedures
- Patients undergoing cardiac surgery to prevent or reduce the incidence, severity and extent of post surgical adhesion formation
- Patients undergoing laparotomy or laparoscopic abdomino-pelvic surgery as an adjunct to good surgical technique intended to reduce the incidence, severity and extent of post surgical adhesion formation



WHEN TO USE

- Sealing vascular reconstructions, lung resection lines and reduce post op adhesion formation

WHY USE

- Forms a highly flexible water tight **seal** providing protection against leakage⁴
- Provides mechanical barrier to **reduce post op adhesion** formation in cardiac abdomino pelvic surgery⁴

WHO PREPARES

- Scrub- mixes peg powder with activating solution and connects applicator

HOW IT WORKS

- **Polymerises** immediately **and bonds** to the tissue surface. Absorbed in 30 days

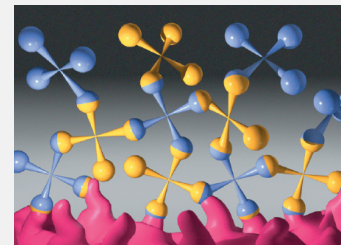
Use Coseal within 2 hours once prepared

EFFICACY¹

- Synthetic- No risk of viral transmission
- Latex free
- Quickly forms and elastic, water-tight seal between itself and the tissue surface
- Preclinical and clinical evidence shows that Coseal is an efficacious barrier to adhesion formation in cardiac surgery³ and abdomino pelvic surgery²

EASY TO USE¹

- Pre-loaded syringes enable rapid preparation
- Quick polymerisation time
- Easy to control spray system helps facilitate effective application
- Coseal delivers a flexible, gel-like seal and barrier that firmly adheres to the site of application



Coseal has the distinctive ability to chemically crosslink to itself, the mixed PEGs and solutions form a hydrogel that can adhere to tissue, synthetic graft materials and covalently bond to itself.

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ORDERING INFORMATION

Description	Qty	Order Code	Rebate Code
Coseal Surgical Sealant 2mL	1 Each	934073	BX252
Coseal Surgical Sealant 4mL	1 Each	934074	BX253
Coseal Surgical Sealant 8mL	1 Each	934075	BX254

Please see Applicator Catalogue for Applicator options or contact your Sales Representative

References:

1. Coseal Instructions for Use, Rev Date 04/12
2. L. Mettler et al. Human Reproduction Vol.23, No.5 pp. 1093-1100, 2008
3. Carlo Pace Napoleone et al. Interact CardioVasc Thorac Surg 2009; 9:978-982; originally published online Sep 18, 2009
4. Elefteriades J A. How I do it: utilization of high pressure sealants in aortic reconstruction.. J.CardiThor Surg. 2009, 4:27.

INDICATIONS

Coseal is indicated for:

Sealing suture lines along arterial and venous reconstructions.

Enforcement of suture and staple lines in lung resection procedures.

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CONTRAINDICATIONS

Do not use Coseal as a bronchial stump sealant, during bronchial sleeve resections, or for sealing decorticated lung areas.

Do not use Coseal in procedures in which pleural adhesions are desired.

WARNINGS

Application involving the use of pressurized gas may be associated with potential risks of air embolism, tissue rupture, or gas entrapment with compression, that may be life-threatening. To minimize these risks control the maximum pressure as indicated in the applicator instructions for use. Do not inject Coseal into vessels. Do not use in place of sutures, staples or mechanical closure. To prevent any compressive effects, in compression-sensitive cavities or in patients with an increased risk of compression (e.g. neonatal cardiac procedures), application of a thin layer of product is recommended (1 mL per 10 cm²). Do not use Coseal in contaminated or "dirty" pulmonary resection cases. 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.

Refer to Full Instructions for Use before prescribing.

Full Instructions For Use is available from Baxter Medical Information 1300 302 409 or onecall@baxter.com

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