How to use Collatamp G

Collatamp G is designed to be cut to size and inserted into the surgical site as dry as possible. Gloves and instruments can be dampened in saline to prevent Collatamp G from adhering to them. Apply light pressure for approximately three minutes to achieve better adhesion.

Collatamp G in Practice



May be cut to the appropriate size | May be cut into pieces | May be rolled to fit into small incisions | May be sutured in place

Collatamp G Product Information and Pricing

(ARTG 156287)

Product Code	Size & Concentration	Price†
A00272	5 x 20 x 0.5cm 200mg gentamicin sulphate	$292.00
A00179	10 x 10 x 0.5cm 200mg gentamicin sulphate	$292.00
A00178	5 x 5 x 0.5cm 50mg gentamicin sulphate	$129.00

†For information regarding Prostheses Billing Codes and Benefit amounts as part of the Prostheses List (Private Health Insurance), please contact your local AMSL Territory Manager or AMSL Customer Support on (02) 9882 3666.

What are the benefits of Collatamp G?

For patients at increased risk of developing SSI, Collatamp G:

- Significantly reduces the rate of SSI for various surgeries[3-5]
- Is clinically-proven anti-infective[4-7]
- Is locally degraded; does not require a second operation for removal[2]
- Accelerates haemostasis, positively influences wound healing[2]

Collatamp G is available for use in **cardiothoracic, colorectal, orthopaedic, vascular, head and neck, electrocardiology** and **spinal** surgeries.

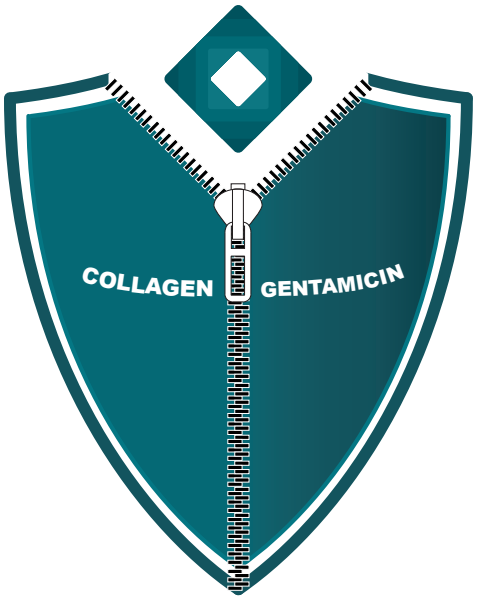
For more information, visit **amsl.com.au.**
To place an order, contact AMSL Medical at **orders@amsl.com.au** or on **02 9882 3666.**

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1. Ruszczak et al, Advanced Drug Delivery 2003;55:1679-1678 **2.** Sternberger A et al. Eur J Surg 1997; Suppl. 578: 17-26. **3.** Friberg Ö, Svedjeholm R, Söderquist B, Granfeldt H, Vikerfors T, Källman J. Local gentamicin reduces sternal wound infections after cardiac surgery: a randomized controlled trial. Ann Thorac Surg 2005;79:153e62. **4.** Rohde V et al. Spine 1998;23:615–620 **5.** Holdsworth J. Ann R Coll Surg Engl 1999;81:166–170 **6.** Friberg O et al. Ann Thorac Surg 2005;79:153–162 **7.** Rutten HJ & Nijhuis PH. Eur J Surg Suppl 1997;578:31–35 * data on file. Distributed in Australia by AMSL. 2 McCabe Place Chatswood, NSW 2067. **PR-100-185 February 2020**

COLLATAMP®G

IMPLANT PEACE OF MIND



Resorbable collagen implant with gentamicin sulphate

Protect against Surgical Site Infection

amsl medical

Even a perfect procedure carries a risk of surgical site infection.

Surgical site infections (SSI) are a serious danger to patients' health in the post-operative environment.

What is Collatamp G?

Collatamp G is a localised drug-delivery system based on type-1 collagen matrix derived from bovine achilles tendon. It's natural and biocompatible materials speeds up the process of wound healing through **collagen**, known for its haemostatic properties, and **gentamicin sulphate**, a powerful broad-spectrum antibiotic.

For over 20 years, surgeons throughout the world have been using Collatamp G to reduce the incidence of SSI in patients at increased risk.

How does Collatamp G work?

Collatamp G is an effective adjunct to the prophylactic antibiotic protocols that are already used at your hospital. It is resorbable and does not need to be removed after implantation.

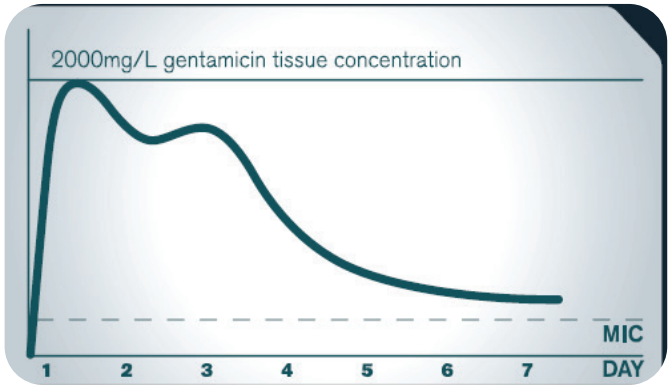
By delivering a high localised dose of gentamicin sulphate directly to the surgical site, Collatamp G inhibits bacteria that may be antibiotic-resistant at lower doses.

It maintains a high concentration of gentamicin sulphate at the target site, while avoiding the risk of systemic toxicity and associated side effects[1].

Insertion of three Collatamp G implants can generate local concentrations of gentamicin sulphate of up to 2000mg/L[1]. At lower doses of gentamicin, Collatamp G is resisitant to a wide range of bacteria, often associated with postoperative infection. However, at these concentrations, Collatamp G is effective against most gentamicin-resistant bacteria including *Staphylococcus aureus*.[1,2]

Collatamp G delivers high local concentrations of gentamicin sulphate, where needed, when needed[1].

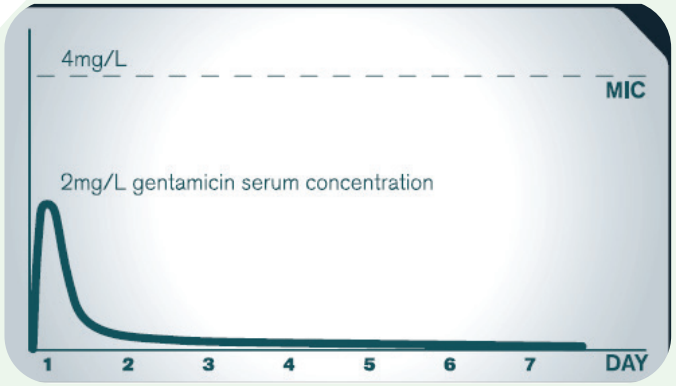
High local concentrations of gentamicin sulphate[1]



After insertion of three Collatamp implants (total dose of gentamicin sulphate 600mg) in a post-operative abdominal wound, local concentrations of gentamicin sulphate reached 2000mg/L[1].

With Collatamp G, serum levels are well below those observed with systemic administration[1].

Low systemic concentration of gentamicin sulphate[1]



After insertion of three Collatamp implants in a post-operative abdominal wound, the systemic concentration of gentamicin sulphate remained well below the established toxicity thresholds of 10-12mg/L and fell below 2mg/L by 24h for all patients evaluation[1].

Concentration of gentamicin required to inhibit 'gentamicin-resistant' strains (MIC≥8mg/L)[3]

Gentamicin concentration (mg/L)	Gentamicin-resistant isolates inhibited		Percentage of all gentamicin-resistant isolates inhibited
≥512	*S. aureus* *E. faecalis*	Commonly found in GI, bone (with distinct bone receptors), soft tissue and sternal wound infection[10,11,15,16] Causative organism in 53% of all SSIs[17]	**100%**
256	*P. aeruginosa* Coagulase-negative staphylococci	Commonly found in GI, bone and soft tissue[11,14]	
128	*Klebsiella spp.* *P. vulgaris* *S. marcescens* Enterobacteriaceae	Commonly found in GI tissue[14]	
64	*E. coli*	Commonly found in gastrointestinal (GI), bone and soft tissue[11,14]	**95%**
16	*Enterobacter spp.* *M. morganii* *C. diversus*		**62%**
8	*P. vulgaris*		

At concentations of 64 mg/L gentamicin, Collatamp G is effective against a wide range of microbes often associated with postoperative infection. At higher gentamicin concentrations of 512 mg/L and above, Collatamp G is effective against gentamicin-resistant bacteria, including Staphylococcus aureus as well.[1,2]

There are more than 60 clinical studies evaluating the performance of Collatamp G for either treating localised infections or preventing surgical site infections across a wide variety of surgical procedures.*

Collatamp G Sizes

5 cm x 5 cm x 0.5 cm
50 mg gentamicin sulphate

10 cm x 10 cm x 0.5 cm
200 mg gentamicin sulphate

5 cm x 20 cm x 0.5 cm
200 mg gentamicin sulphate

