

GENTA-COLL[®] *resorb*

Effective Protection
with Strong Haemostyptic Action

GENTA-COLL[®] *resorb*

A haemostatic collagen sponge that contains gentamicin sulphate to protect the implant from infection.

The greatest possible production safety is guaranteed by the use of collagen of equine origin.⁵

Collagen is completely absorbable.⁸

This means that there is no need for a second operation such as is required with non-resorbable materials.

The naturally-structured collagen fibrils activate clotting like endogenous collagen.⁸



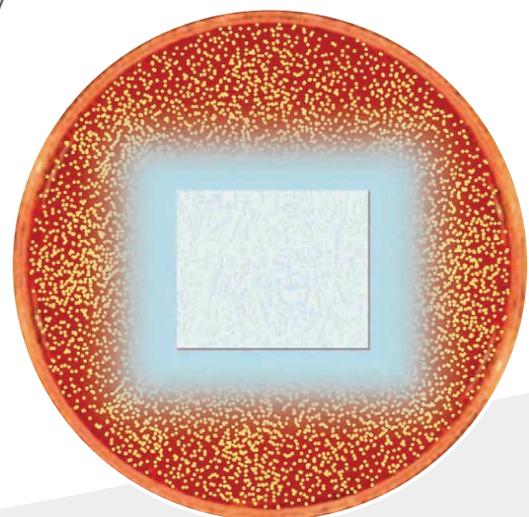
- Following the contact of blood with GENTA-COLL[®] *resorb*, platelets aggregate on the collagen fibres and trigger the coagulation reaction.
- Once inserted, GENTA-COLL[®] *resorb* fills the defect and thus forms a template for tissue reaction, actively promoting the migration and adhesion of actively-dividing cells.
- GENTA-COLL[®] *resorb* lightly inserted into the defect prevents haematoma formation and thus reduces the risk of bacterial colonisation of the wound.

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Can also be used in septic surgery thanks to its antibiotic content.

Gentamicin sulphate is an aminoglycoside and has a broad spectrum of antibacterial activity.⁴

For certain antibiotics (e.g. aminoglycosides), the highest possible serum concentration determines the extent of the bactericidal action and the duration of the postantibiotic effects.



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Is recommended for haemostasis.

“Experience shows that wound healing processes are particularly favourable in precisely those areas where there is controlled and perfect haemostasis.”

(Ascherl, Tirschenreuth)

- In clean and contaminated wounds
- In septic surgery, e.g. revision procedures
- Where there is a high risk of infection



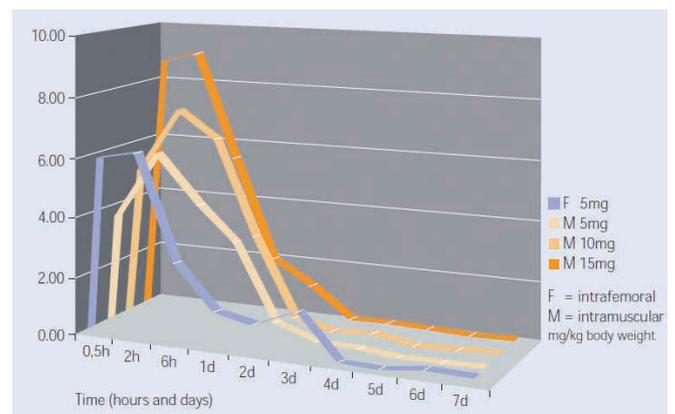
SEM image of a collagen sponge

“The often-mentioned opinion that prolonged antibiotic levels are necessary in septic bone surgery is in contrast to generally recognised experience.”⁹

It is scientifically accepted that prolonged high active substance concentrations of aminoglycosides are not to be recommended and also encourage the development of resistant bacteria.

Local application means that there are initially high concentrations at the site of implantation but no toxic serum concentrations throughout the body.

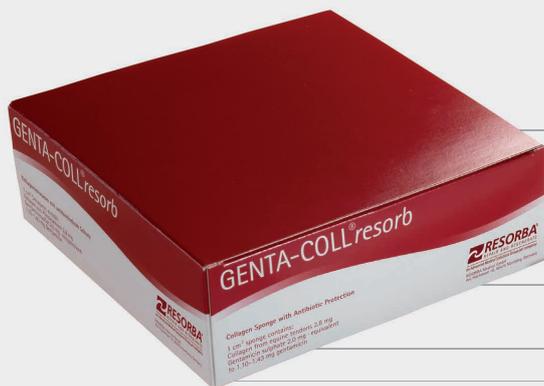
A study has shown that this typical effect is relatively independent of the implant surroundings or the dose applied.



According to Scherer⁶

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Each sponge is individually packed and sterile and can be rolled, folded loosely or cut into smaller pieces.



Product Ordering Information

Sponge Size	REF	Sales unit
2.5 x 2.5 cm	GC525	5 Sponges
	GC125	1 Sponge
5 x 5 cm	GC55	5 Sponges
	GC15	1 Sponge
10 x 10 cm	GC510	5 Sponges
	GC110	1 Sponge
5 x 20 cm	GC1520	1 Sponge

- Haemostatic
- Resorbable
- Antibiotic protection
- Malleable
- Ideal Carrier for fibrin glue
- Highly absorbant
- Stable structure and elastic in the moist milieu of wounds

References

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Just in case!



Images in original size

**1 sponge,
10 x 10 x 0.5 cm
or 5 x 20 x 0.5 cm**

contains:
Collage fibrils of equine
origin 280 mg
Gentamicin sulphate 200 mg
of which
110.5 - 143 mg gentamicin.

**1 sponge,
5 x 5 x 0.5 cm**

contains:
Collagen made from horse
sinew 70 mg
Gentamicin sulphate 50 mg
of which
27.62 - 35.75 mg gentamicin.

**1 sponge,
2.5 x 2.5 x 0.5 cm**

contains:
Collagen made from horse
sinew 17.5 mg
Gentamicin sulphate 12.5 mg
of which
6.91 - 8.94 mg gentamicin.

5 x 20 cm

