

COVIDIEN™

Polysorb™

Coated Braided Absorbable Suture

PT001 29889



BEFORE USING PRODUCT, READ THE FOLLOWING INFORMATION

DESCRIPTION

Polysorb™ braided sutures are composed of Lactomer™ glycolic/lactic copolymer which is a synthetic polyester composed of glycolic acid (derived from glycerol) and lactic acid. These sutures are prepared by a combination of melt spinning and solution spinning techniques and calcium stearate lactylate. Polysorb™ sutures are colored violet to increase visibility and are also available as white.

Polysorb™ sutures meet all requirements established by the United States Pharmacopeia (USP) and European Pharmacopeia (EP) except for minor variations in suture sizes.

Such variations are:

Maximum Suture Oversize in Diameter (mm) from USP	USP Size / USP Size Designation (mm)	Maximum Oversize (mm)
8.0	0.040 - 0.049	0.020
7.0	0.030 - 0.039	0.020
6.0	0.020 - 0.029	0.019
5.0	0.010 - 0.019	0.019
4.0	0.010 - 0.019	0.019
3.0	0.020 - 0.029	0.019
2.0	0.030 - 0.039	0.019
1	0.040 - 0.049	0.019
2	0.050 - 0.059	0.019

INDICATIONS

Polysorb™ sutures are indicated for use in soft tissue approximation or sutured closure, but not for cardiovascular or neural tissue.

ACTIONS

Polysorb™ sutures elicit a minimal acute inflammatory reaction in tissue, which is followed by a gradual tissue response at the site of suture closure.

Progressive loss of tensile strength over time is observed with Polysorb™ sutures due to the action of hydrolysis, which causes the suture to become subsequently absorbed and metabolized by the body. Absorption begins as soon as 10 days after implantation.

A loss of tensile strength without appreciable loss of mass. Studies indicate that the rate of absorption of Polysorb™ sutures is approximately 80% in two weeks and in excess of 10 weeks post implant. Absorption of Polysorb™ sutures is complete between the 56th and 70th day.

CONTRAINDICATION

Polysorb™ sutures, being absorbable, should not be used where intended absorption of tissue is required.

WARNING

The use of Polysorb™ sutures may result in the formation of a tissue reaction, which is followed by a gradual tissue response at the site of suture closure.

In surgery of the urinary or biliary tract, care should be taken to avoid placement of sutures in areas where the suture may come into contact with Koyner recurrent and metabotized sutures. The suture begins to erode.

As this is an absorbable suture, the use of surgical instruments and techniques usually employed in the presence of biological contamination may enhance bacterial proliferation. Absorbable suture may not be followed with respect to damage and closure of contaminated or infected wounds.

The use of Polysorb™ sutures may be inappropriate in patients with any conditions which, in the judgment of the surgeon, may cause or contribute to dehiscence.

As this is an absorbable suture, it may be used in closure of the wound and the suture may be subject to reabsorption or require additional support.

PRECAUTIONS

Polysorb™ sutures are not recommended for use in abdominal wall closure, unless the surgeon is fully conversant with the use of absorbable sutures.

Do not reuse, reprocess or sterilize this device. See Sterile Processing.

Do not use Polysorb™ sutures in areas where the suture may come into contact with Koyner recurrent and metabotized sutures.

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