



Manual

EickFil sutures

Version 02 07/2013

050607-050668 / 051072-051076

1 General information

EickFil suture is an absorbable, sterile, synthetic surgical suture, composed of homopolymers of Glycolide (100%). EickFil is coloured violet. For added lubrication and smoothness, EickFil is coated with unique combination of polycaprolactone and calcium stearate.

2 Indications

EickFil is indicated for use in soft tissue approximation and/ or ligation, including use in plastic and ophthalmic procedures but not for use in cardiovascular and neurological tissues.

3 Contra indications

EickFil suture, being absorbable, should not be used where extended approximation of tissue is required.

4 Action

EickFil sutures get absorbed in the site of implantation, owing to the hydrolysis, where the polymer degrades to Glycolic acid. It is slowly absorbed and metabolised in the body. Absorption begins with loss of tensile strength followed by loss of mass. 80% of the original tensile strength is retained up to 14 days after surgery. 90% of the initial tensile strength is lost at the end of the fourth week post implantation. Absorption of EickFil suture is minimal up to 10% in two weeks. 25% of the mass gets absorbed in four weeks, up to 75% in two months and absorption is essentially complete between 75 and 90 days.

5 Warning

Do not resterilise. Discard open unused sutures. Prolonged contact of this suture or any other suture with salt solutions such as those found in urinary and biliary tracts, may result in calculus formation. As an absorbable suture, it may act transiently as a foreign body. As any foreign material in the presence of bacterial contamination may enhance bacterial infectivity, acceptable surgical practice must be followed with respect to drainage and closure of infected or contaminated wounds. The use of this suture may be inappropriate in patients suffering from conditions which may delay wound healing.

6 Precautions

As this is an absorbable suture, the surgeon in the closure of sites undergoing expansion, stretching or distention, which may require additional support, should consider the use of supplemental non-absorbable suture. Under some circumstances, notably orthopaedic procedure, immobilisation by external support may be employed at the discretion of the surgeon. Skin suture, which remain in place for more than 7 days may cause localised irritation and should be snipped off or removed.

7 Adverse reactions

Adverse effects associated with the use of EickFil include allergic response in certain patients, transient local irritation at the wound site, transient inflammatory foreign body response, erythema and induration during the absorption process of subcuticular sutures.

8 Storage

Recommended storage conditions: Below 30 °C away from moisture and direct heat. Do not use after expiry.

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