



VESTi SURGICAL SUTURES



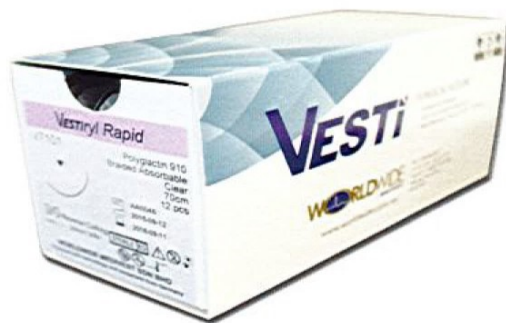
Quality ▲

Commitment ▲

Trust

VESTi[®] ABSORBABLES SUTURES

VESTiryl Rapid SYNTHETIC BRAIDED COATED



Description

VESTiryl Rapid is composed of polyglactin 910, composed of copolymers made from 90% glycolide and 10% L-lactide. Progressive loss of tensile strength and eventual absorption of VESTiryl Rapid suture occurs by means of hydrolysis.

Properties / Characteristics

Excellent strength over the critical wound healing period
Excellent knot security
Excellent handling
Minimal memory
Retention of 45%-75% tensile strength after 1 week of original strength
Complete mass absorption in approximately 45-56 days

Indications

Superficial soft tissue closing of skin and mucosa, Episiotomy Repair, Plastic surgery, Obstetric & Gynaecology, Urology, Dental Surgery, Paediatric, Skin Closure

VESTiryl Plus SYNTHETIC BRAIDED COATED



Description

VESTiryl Plus is composed of Poly (glycolide/L-Lactide), derivate of glycolic and lactic acid. Degradation process is through hydrolysis, thereby provides predictable and reliable absorption.

Properties / Characteristics

Excellent strength over the critical wound healing period
Excellent knot security
Excellent handling
Retention of 65% tensile strength after 2 weeks of original strength
Complete mass absorption between 60 to 90 days

Indications

General Surgery, Obstetrics & Gynaecology, Orthopaedics, Urology, Dental surgery, Soft tissue approximation or Ligation

VESTiMax SYNTHETIC MONOFILAMENT



Description

VESTiMax is composed of Poly(p-dioxanone) and used for suturing soft skin or vessels.

Properties / Characteristics

Has greater pliability
Has greater strength
Retains its strength for longer periods than other synthetic absorbable sutures
65% tensile strength after 4 weeks of original strength
Complete absorption: 180 to 240 days

Indications

General soft tissue approximation and/or ligation, including for internal tissues where require a long-Lasting support, Obstetrics & Gynaecology

VESTi® NON-ABSORBABLES SUTURES

VESTiSilk NATURAL BRAIDED & COATED



Description

VESTiSilk suture is a sterile non-absorbable surgical suture device of natural origin from Silk.
The threads are available in black colour.

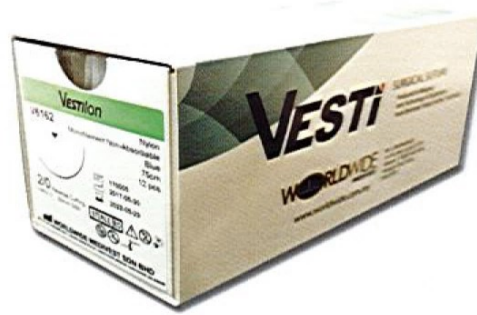
Properties / Characteristics

Excellent strength over the critical wound healing period
Excellent knot security
Excellent handling
Coated with silicon and wax which facilitates the easy passage through the tissue

Indications

VESTiSilk is indicated for use in general soft tissue approximation and/or ligation including skin closure, plastic and neurological surgeries

VESTilon SYNTHETIC MONOFILAMENT



Description

VESTilon suture is a sterile non-absorbable surgical suture device of synthetic origin produced from Nylon.
The threads are available in blue and/or black colour.

Properties / Characteristics

Excellent strength over the critical wound healing period
Excellent knot security
Excellent handling

Indications

VESTilon is indicated for use in general soft tissue approximation and/or ligation including skin closure, plastic and neurological surgeries

VESTilene SYNTHETIC MONOFILAMENT



Description

VESTilene suture is a sterile non-absorbable surgical suture device of synthetic origin produced from Polypropylene.
The threads are available in blue colour.

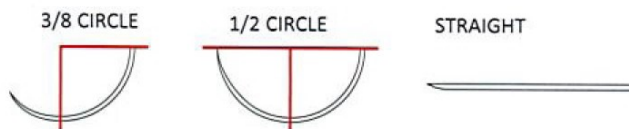
Properties / Characteristics

Excellent strength over the critical wound healing period
Excellent knot security
Excellent handling

Indications

VESTilene is indicated for use in general soft tissue approximation and/or ligation, including orthopaedic, plastic and microsurgeries

CIRCLE OF NEEDLE



TYPE OF NEEDLE



Taper Point Needle

Taper point (round) needles used for easily penetrated tissue as like subcutaneous layers, dura, peritoneum, abdominal viscera and minimize the potential tearing of fascia. These types of needle penetrate and pass through tissues by stretching without cutting.



Cutting Needle

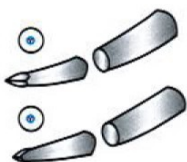
This type of needle is designed for penetration through dense, irregular and relatively thick tissues as like Skin, Tendon sheaths, Oral mucosa, Cosmetic, and Ophthalmic surgery. The point cuts a pathway through tissue and is ideal for skin closure.



Conventional cutting needles have triangular cross-section that changes to a flattened body.

The third cutting edge is on the inner, concave curvature.

Reverse cutting needles have third edge on the outer convex curvature of the needle. These types of needle are stronger than conventional cutting needles and have a reduced risk of cutting out tissue. Reverse cutting needles are also beneficial in cosmetic and ophthalmic surgery causing minimal tissue trauma.



Taper Cutting

The cutting point is limited to the tip of the needle and merges smoothly into a round body. It is combined with the initial penetration of a cutting needle with minimized tissue.



Blunt Point

The points are rounded and blunt, ideal for suturing the liver and kidneys. Blunt needles dissect friable tissue rather than cut it. Recently, these needles were developed for more conventional uses in an effort to reduce needle stick injuries.



Trocar Point / Round Bodied

Round bodied needle with a trocar point.
Main field of indication is O&G.



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