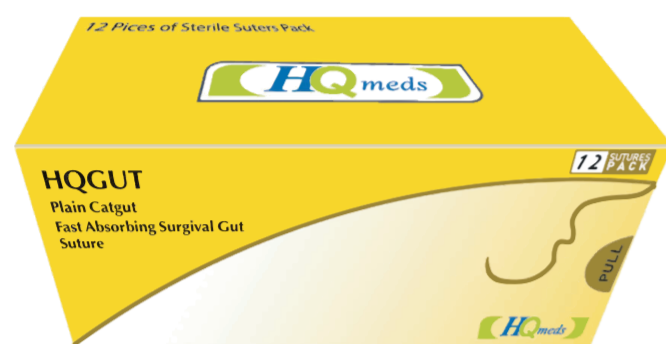
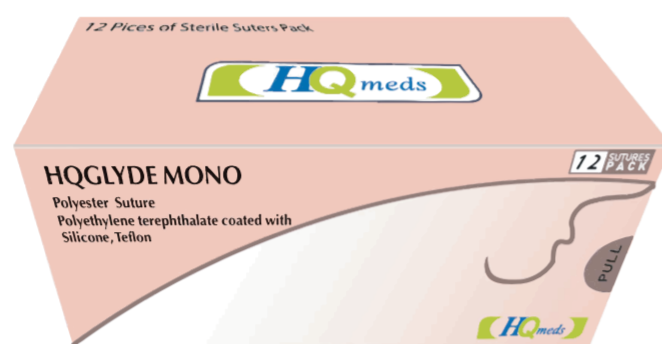


HQmeds

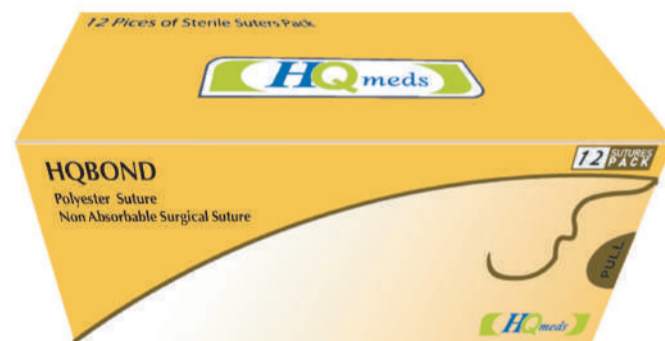
Surgical Sutures, Propylene Mesh and Bone Wax.



HQGUT



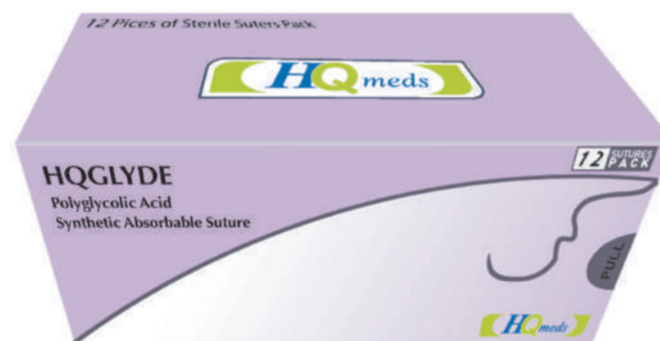
HQGLYDE MONO



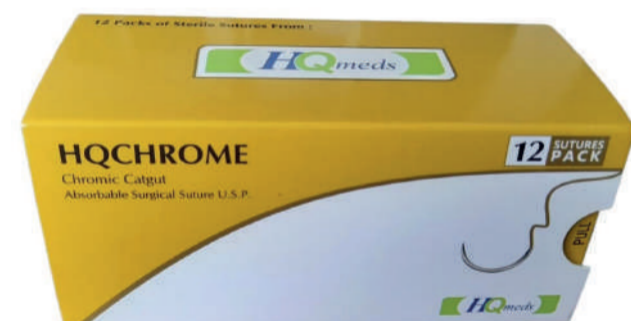
HQBOND



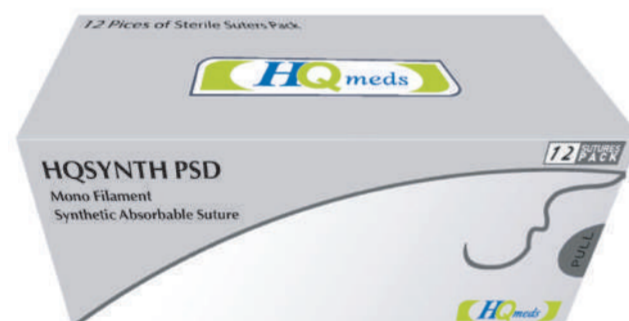
HQWAX



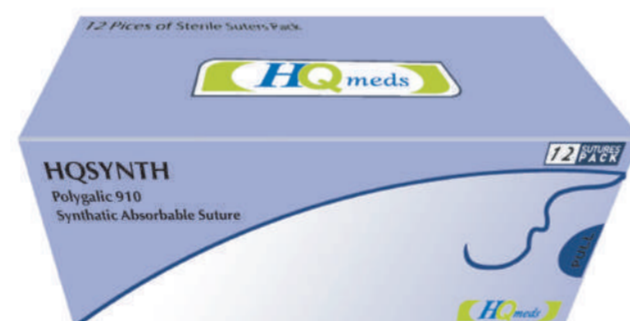
HQGLYDE



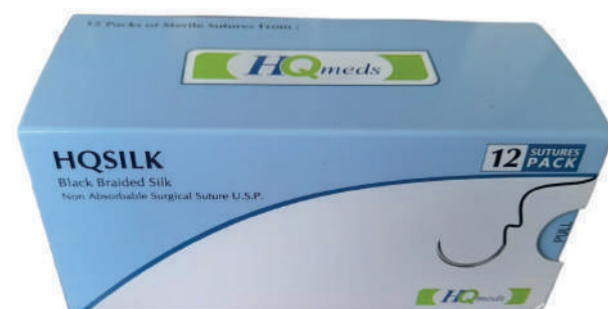
HQCHROME



HQSYNTH PDS



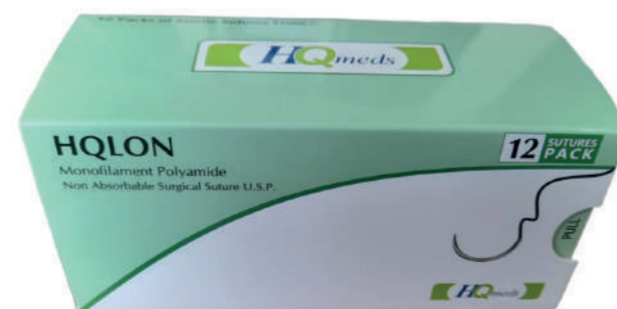
HQSYNTH



HQSILK



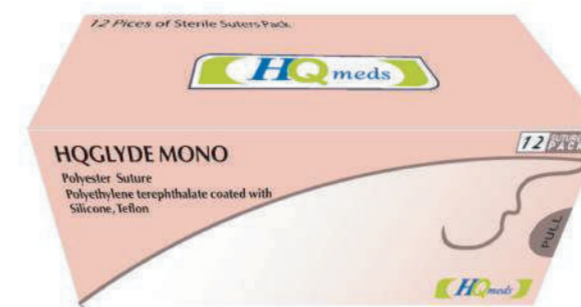
HQLENE



HQLON

HQGLYDE MONO (Poliglecaprone 25)

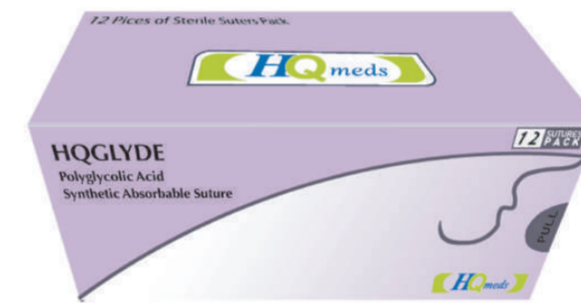
(Poliglecaprone 25) suture is a monofilament synthetic absorbable surgical suture prepared from a copolymer of glycolide and epsilon-caprolactone. Poliglecaprone 25 copolymer has been found to be non antigenic, non pyrogenic and elicits only a slight tissue reaction during absorption.



Type	Monofilament
Material	Poliglecaprone 25, a copolymer made of 75% glycolide and 25% Caprolactone
Color	: Violet
Tissue reaction	: Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption in approximately 90 to 190 days. Approximately 60% of tensile strength remains after 7 days.
Tensile Strength	: 50% tensile strength is retained for 14 days.
USP Range	6/0—2
Sterilization	: EO (Ethylene Oxide)
Needle Type	Round bodied, cutting edge, taper point, straight, blunt point
Packing	- In Aluminum foil packages with or without needle.

HQGLYDE (Polyglycolic Acid)

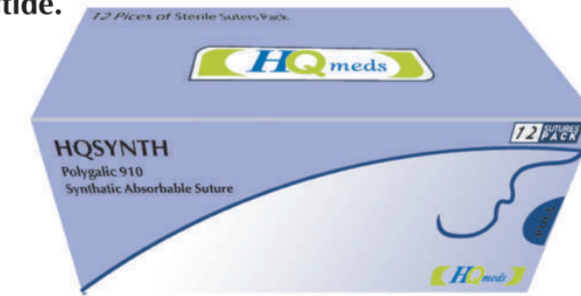
Polyglycolic Acid is an ideal and time tested synthetic absorbable suture, widely used by surgeons. All over the world. PGA's superior features over catgut are predictable absorption, outstanding tensile strength, in-vivo inertness and excellent handling properties.



Type	- Braided and coated multifilament
Material	- 100% Polyglycolic acid
Color	- Violet
Tissue reaction	- Minimal
Absorption	- The hydrolytic action by which the material is broken down results in total absorption in approximately 90 to 90 days. Approximately 50% of tensile strength remains after 21 days.
Tensile Strength	- 75% tensile strength is retained for 14 days and 50% till 21 days.
USP Range	- 8/0—2
Sterilization	- EO (Ethylene Oxide)
Needle Type	- Round bodied, cutting edge, taper point, straight, blunt point
Packing	- In Aluminum foil packages with or without needle

HQSYNTH (Polyglactin 910)

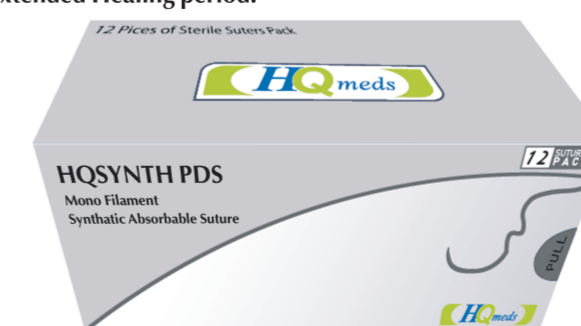
Polyglactin 910 suture is most widely used braided and coated synthetic absorbable suture in the world. On account of its superior properties, this suture has replaced catgut sutures in most applications. Polyglactin 910 suture is a synthetic absorbable sterile surgical suture composed of a copolymer made from 90% Glycolide and 10% L-lactide.



Type	Braided and coated multifilament
Material	Polyglycolide (90%) - co-lactide (10%) synthetic absorbable braided surgical suture
Color	: Violet
Tissue reaction	: Minimal
Absorption	The hydrolytic action by which the material is broken down results in total absorption in approximately 42 days. Approximately 50% of tensile strength remains after 7 days.
Tensile Strength	: 75% tensile strength is retained for 14 days and 50% till 21 days.
USP Range	8/0—2
Sterilization	: EO (Ethylene Oxide)
Needle Type	Round bodied, cutting edge, taper point, straight, blunt point
Packing	- In Aluminum foil packages with or without needle

HQSYNTH PDS (Polydioxanone)

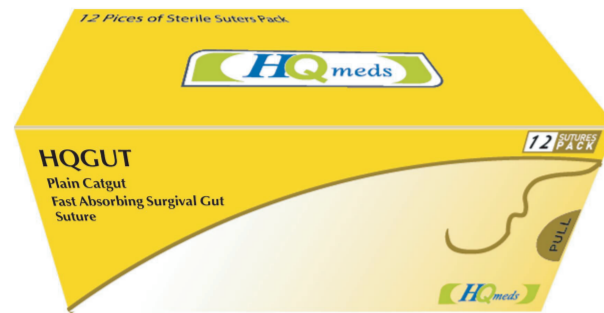
Polydioxanone monofilament synthetic absorbable suture is prepared from the polyester, poly(p-dioxanone). Two important characteristics describe the in vivo performance of absorbable sutures first tensile strength retention and second the absorption rate (loss of mass). This synthetic absorbable suture has been formulated to minimize the variability of these characteristics and to provide wound support through an extended Healing period.



Type	Monofilament
Material	Polyester poly(p-dioxanone)
Color	: Violet
Tissue reaction	: Minimal
Absorption	: The hydrolytic action by which the material is broken down results in total absorption in approximately 180 to 210 days. Approximately 50% of tensile strength remains after 42 days.
Tensile Strength	: 50% tensile strength is retained for 14 days.
USP Range	6/0—2
Sterilization	: EO (Ethylene Oxide)
Needle Type	Round bodied, cutting edge, taper point, straight, blunt point.
Packing	- In Aluminum foil packages with or without needle.

HQGUT (Plain Catgut)

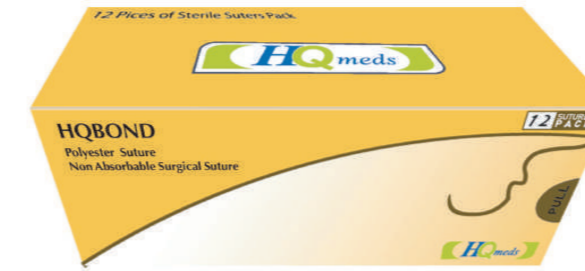
Plain Catgut is a fast absorbing surgical gut suture made from a strand of collagenous material prepared from the sub mucosal layers of the small intestine of healthy sheep. Fast absorbing surgical gut sutures are sterile and elicit only a slight to minimal tissue reaction during absorption.



Type appearance	- Twisted multifilament with a monofilament
Material	- Plain Gut
Color	- Beige
Tissue reaction	- Moderate. Plain catgut enjoys lower tissue reaction
Absorption	- By phagocytosis. Complete mass absorption in approximately 65 days. Approximately 50% of tensile strength remains after 7 days. When used in infected tissues or in tissues increased levels of proteolytic enzymes (stomach, cervix, and vagina) it is more quickly absorbed.
Tensile Strength	-Tensile strength is retained for 7 -14 days.
USP Range	- 5/0—3
Sterilization	- EO (Ethylene Oxide)
Needle Type	- Round bodied, cutting edge, taper point, straight, blunt point
Packing	- In Aluminum foil packages with or without needle

HQBOND (Polyester Suture)

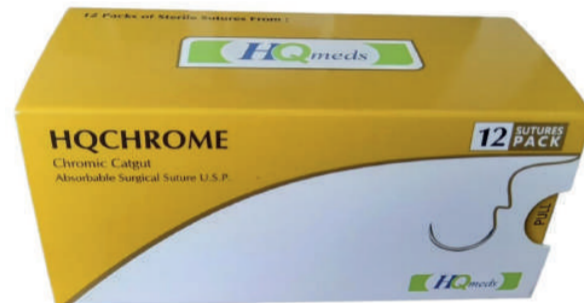
Polyester Suture is a non absorbable, braided, sterile, surgical suture composed of Poly (ethylene terephthalate). It is prepared from fibers of high molecular weight, long-chain, linear polyesters having recurrent aromatic rings as an integral component. The suture is uniformly coated with polybutylate



Type	Braided multifilament
Material	Polyester - a polymer of polyethylene terephthalate coated with Silicone, Teflon
Color	. Green
Tissue reaction	. Minimal
Absorption	Non absorbable, gradually encapsulated by connective tissue
Tensile Strength	Excellent tensile strength, Excellent knot tying, Minimum tissue reaction
USP Range	. 5/0—5
Sterilization	EO (Ethylene Oxide)
Needle Type	Round bodied, cutting edge, taper point, straight, blunt point.
Packing	- In Aluminum foil packages with or without needle.

HQCHROME (Chromic Catgut)

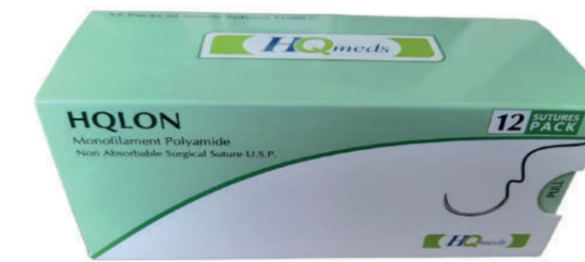
Chromic Catgut is an absorbable, sterile surgical suture composed of purified connective tissue (mostly collagen) Derived from the sub mucosal fibrous layer of healthy sheep intestines. Strands of purified collagen taken from the Serosal layer of selected bovines, tanned with chrome salts to provide Greater resistance to absorption.



Type appearance	Twisted multifilament with a monofilament
Material	: Chromic Catgut
Color	: Dark brown
Tissue reaction	: Moderate.
Absorption	: By phagocytosis. The rate of absorption is slowed down by chromizing. Complete mass absorption in approximately 90 days. Approximately 50% of tensile strength remains after 14 days. When used in infected tissues or in tissues with increased levels of proteolytic Enzymes (stomach, cervix, vagina) it is more quickly absorbed.
Tensile Strength	: Tensile strength is retained for 14 - 91 days.
USP Range	5/0—3
Sterilization	EO (Ethylene Oxide)
Needle Type	- Round bodied, cutting edge, taper point, straight, blunt point.
Packing	- In Aluminum foil packages with or without needle

HQLON (Polyamide Suture)

(Nylon/Polyamide) Suture is non absorbable, sterile surgical monofilament suture composed of the long-chain aliphatic polymers Nylon 6 and Nylon 6, 6. This Suture is dyed black / blue or green to enhance visibility in tissue It is mostly used in ophthalmic and neurological procedures



Type	. Monofilament
Material	Extrusion of polyamide 6.0 or 6.6
Color	Black/Green
Tissue reaction	: Minimal
Absorption	Non absorbable, gradually encapsulated by connective tissue. The thread mass Diminishes, approximately 10% a year by rupture of chemical links (hydrolytic action).
Tensile Strength	. Excellent tensile strength, Excellent knot tying, Minimum tissue reaction
USP Range	10/0—9
Sterilization	EO (Ethylene Oxide)
Needle Type	. Round bodied, cutting edge, taper point, straight, blunt point

HQWAX (Bone Wax)

Bone wax is a mixture of beeswax, paraffin, and isopropyl palmitate, a wax-softening agent. It is opaque and has a waxy odor it's indicated for use in the control of bleeding from bone surfaces during surgical procedures.



It achieves local hemostasis of bone by acting as a mechanical (tamponade) barrier. It does not act biochemically and is non-absorb-able. It is available sterile in individual foil envelopes, each containing 2.5 g and packed in an individually sealed over wrap. It is sterilized by Gamma radiation.

HQLENE (Polypropylene)

Polypropylene Sutures (clear or pigmented) are non-absorbable, sterile surgical suture composed of an isotactic crystalline stereoisomer of polypropylene, a synthetic linear polyolefin. The suture is pigment blue to enhance visibility. Polypropylene Sutures are indicated for use in general soft tissue approximating and/or ligation, including use in cardiovascular, ophthalmic procedures, and neurological procedures.



Type	. Monofilament
Material	Polypropylene, a polymer of propylene
Color	: Blue
Tissue reaction	: Minimal Absorption Non absorbable
Tensile Strength	. Excellent tensile strength, Excellent knot tying, Minimum tissue reaction
USP Range	10/0—2
Sterilization	EO (Ethylene Oxide)
Needle Type	- Round bodied, cutting edge, taper point, straight, blunt point.
Packing	- In Aluminum foil packages with or without needle

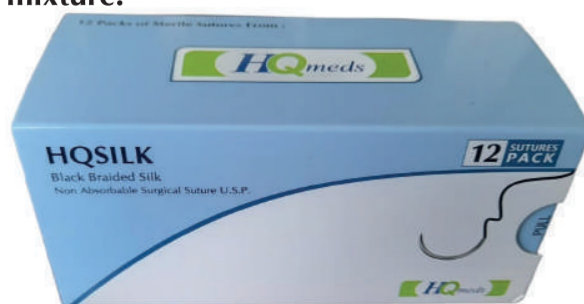
HQLENE MESH (Polypropylene Mesh)

Polypropylene Mesh is constructed of Knitted filament of extruded polypropylene identical in composition. Polypropylene filament undergoes a process of knitting which interlinks each junction of the fibre. The bi-directional elastic property allows adaptation to various stresses encountered in body.

Size (In cm)	Packing
3cm X6cm	6 units/box
5cm X10cm	6 units/box
6cm X11cm	d units/box
8cm X15cm	6 units/box
10cm X15cm	6 units/box
12cm X15cm	6 units/box
15cm X15cm	6 units/box
15cm X 30cm	6 units/box
30cm X 30cm	6 units/box

HQSILK (Black Braided Silk Suture)

Black Braided Silk Suture is a non absorbable, sterile, surgical suture composed of an organic protein called fibroin. This protein is derived from the domesticated species Bombyx mori (B. More) of the family Bombycidae. These are processed to remove the natural waxes and gums. DURASIL suture is dyed black and coated with a special wax mixture.



HQSILK is indicated for use in general soft tissue approximation and/or ligation, including use in Cardiovascular, ophthalmic and neurological procedures.	
Type	Black Braided multifilament.
Material	: Braided fibres from the cocoon of the silkworm coated with Wax silicone.
Color	: Black
Tissue reaction	: Moderate
Absorption	: Silk suture elicits an initial inflammatory reaction in tissues, which is followed by Gradual encapsulation of the suture by fibrous connective tissues.
Tensile Strength	Excellent tensile strength, Excellent knot tying, Minimum tissue reaction
USP Range	7/0—4
Sterilization	. EO (Ethylene Oxide)
Needle Type	Round bodied, cutting edge, taper point, straight, blunt point.
Packing	- In Aluminum foil packages with or without needle.

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