

CATGUT CHROMIC™

Absorbable Surgical Suture USP

DESCRIPTION

Catgut Chromic suture is an absorbable sterile surgical suture composed of purified connective tissue (Collagen) derived from submucosal layer of ovine intestine.

Catgut CHROMIC is packed in a sterilizing fluid which contains ethylene oxide, isopropyl alcohol and purified water, sodium benzoate and 2-ethylamineaminoethanol. The suture is available in various sizes (Length & Diameter), Non needled or with attached needle of variable types, sizes and shapes.

Catgut Chromic is a suture which has been tanned by treatment with chromium salt in the trivalent form and coloured with oxidized Pyrogallol to prolonged its resistance to absorption and to color the material dark brown.

Catgut Chromic Suture complies with UNITED STATES Pharmacopoeia for "Absorbable Surgical Sutures"

INDICATION

All Catgut Chromic suture are indicated for use in general soft tissue approximation and / or ligation including use in ophthalmic procedures.

INTENDED USE

Catgut chromic sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, gastrointestinal surgery, gynaecology, obstetrics, urology, ophthalmic surgery.

MODE OF ACTIONS

When Catgut suture materials are employed a soft tissue reacts with a mild inflammatory reaction, which is typical for endogenous reaction to a foreign body. The gradation of suture material until it has been completely absorbed. The speed of absorption is affected by many factors. Some of the most important factor affecting the rate of absorption and reducing in strength are:

Catgut Chromic suture retains its tensile strength for approximately 20 days and absorption is complete in approximately 90 days.
-There is more rapid absorption in region containing more proteolytic enzyme.

CONTRAINDICATIONS

The use of Catgut Chromic material is contra-indicated:

- In the region of infected wound, since absorption is more rapid here.
- Furthermore, Catgut is contra-indicated for indications.
- Where long time support is required by tissues under high stress.
- Cardiovascular and neurological tissues.
- Patients with allergy/high sensitivity to collagen based.
- Patients suffering from conditions where wound healing is delayed.

PRECAUTIONS AND WARNINGS

- Do not resterilize.
 - Do not use after expiry date.
 - Opened or damaged pack shall be discarded, as the sterility may be compromised.
 - The user should be familiar with surgical suturing technique involving the use of catgut materials. Before employing chromic.
 - When working with Catgut suture material great care should be taken to ensure shall not be damaged during handling.
 - Care should be taken while opening the package as it contains sterilizing solution.
 - Needle shall not be held near the tip. It may damage the tip and may impact the penetration performance. Avoid pinching or kinking due to holding by forceps/needle holder.
 - Acceptable surgical practice shall be followed in case of infected wound.
 - When handling with Tweezers and needle holder care should be taken to ensure that the material is not damaged by pinched and kinked.
 - Supplemental non-absorbable sutures shall be considered for the sites where long time support is needed and may undergo expansion/stretching.
 - Factors to be considered for selection of suture shall depend on patient condition, surgical experience, surgical technique and wound size.
 - Suture extrusion or delayed absorption may occur in tissues where there is poor blood supply.
 - As with any foreign body, prolonged contact of suture with salt solutions, as those found in urinary or biliary tracks may result in calculus formation.
 - Avoid unnecessary tension while running down the knots, to reduce fraying or weakening of stands.
 - Only trained physician/surgeon shall use the suture in clean and sterile environment.
- Peters Surgical does not hold any responsibility for any consequences from misuse of the products.**
- #### ADVERSE EVENT/SIDE EFFECTS
- In some patient there can be Allergy/hypersensitivity reaction to collagen/chromium.
- Inflammation reaction.
 - Local irritation at the wound site.
 - Like all foreign body catgut may enhance and existing reaction.

HOW SUPPLIED

Sterility-Catgut Chromic is supplied sterile, Sterilized by Ethylene Oxide.

Storage- Store between 15°C to 32°C. Keep away from moisture and direct heat.

Packaging and contents- Single Sutures are secured on a Suture carrier/slot and packed in a Aluminium pouch.

Contents in Box: 10, 12 & 36 units are packed in each box.

Symbols used on labeling :-

	Do not reuse.
	Manufacturing year + Month.
	Use until Year + Month.
	Batch Number.
	Sterile unless package is opened or damaged. Method of Sterilization-Ethylene Oxide Sterilization.
	Caution
	Product code.
	Tear Open
	Consult Instructions for use.
	Do not resterilize.
	Do not use if package is damaged.
	Temperature Limitation.
	Moisture Limitation.
	Keep away from sunlight.
	Keep away from moisture.
	Non-pyrogenic
	Sterile Barrier System
	Medical device
	Patient information website
	Contains biological material of animal origin

TECHNIQUE FOR OPENING OVERWRAP



Hold pack in left hand, seize foil flap between right hand thumbs and finger, hence exposing transparent plastic flap.



Separate the transparent plastic flap and paper flap with thumbs and fingers of both hands gripping pack between knuckles.



Apply constant pressure between knuckles and roll thumb outward to separate the flaps, exposing the sterile primary pouch.



Now the scrub nurse removes the sterile Primary pouch pack with sterile forceps or with sterile gloved hand.

Recommended technique for opening and handling Primary Foil Pack

1



Hold sterile primary pouch with the printed top facing towards the scrub nurse. Hold the sterile primary pouch with left hand close to the V-Shaped (∇) cut marked located at the top right corner of the primary pouch.

2



Tear the pouch from the V-Shaped notch with right hand, down towards the scrub nurse.

3



Take out the sterile suture wound in suture carrier.

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