

# Surpolene™

Non-absorbable Synthetic Monofilament, Polypropylene (Blue)

## DESCRIPTION

Surpolene (Polypropylene) is a nonabsorbable sterile surgical suture, composed of an isotactic crystalline stereoisomer of polypropylene, a synthetic linear polyolefin. The suture is pigmented blue to enhance visibility.

## INDICATIONS

Surpolene suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular, ophthalmic and neurological procedures.

## ACTIONS

Surpolene suture elicits a minimal acute inflammatory reaction in tissue, which is followed by gradual encapsulation of the suture by fibrous connective tissue. This suture is not absorbed, nor is it subject to degradation or weakening by the action of tissue enzymes. As a monofilament, Surpolene suture, U.S.P. resists involvement in infection and has been successfully employed in contaminated and infected wounds to eliminate or minimize later sinus formation and suture extrusion. The lack of adherence to tissues has facilitated the use of this suture as a pull-out suture.

## CONTRAINDICATIONS

None known.

## WARNINGS

Users should be familiar with surgical procedures and techniques involving non-absorbable sutures before employing Surpolene suture for wound closure, as risk of wound dehiscence may vary with the site of application and the suture material used.

Do not sterilize. Discard opened packages and unused sutures.

As with any foreign body, prolonged contact of any suture with salt solutions, such as those found in the urinary or biliary tracts, may result in calculus formation. Acceptable surgical practice must be followed for the management of infected or contaminated wounds.

## PRECAUTIONS

In handling this suture material, care should be taken to avoid damage from handling. Avoid crushing or crimping damage due to application of surgical instruments such as forceps or needle holders.

Adequate knot security requires the accepted surgical technique of flat, square ties of single suture strands. The use of additional throws is particularly appropriate when knotting polypropylene sutures.

To avoid damaging needle points and swage areas, grasp the needle in an area one-third (1/3) to one-half (1/2) of the distance from the swaged end to the point. Reshaping needles may cause them to lose strength and be less resistant to bending and breaking. Discard used needles in waste bin.

## ADVERSE REACTIONS

Adverse effects associated with the use of this device include wound dehiscence, calculi formation in urinary and biliary tracts when prolonged contact with salt solutions such as urine and bile occurs, infection, minimal acute inflammatory tissue reaction and transitory local irritation at the wound site.


## STORAGE

Store this suture below 25°C.


Keep away from moisture and direct heat.

Do not use if the date is expired.

## SYMBOLS USED ON LABELLING

 = Do not reuse

 = Expiry date

 = Sterilized by Ethylene Oxide

 = Batch Number

 = See instructions for use

 = Manufacturing date

IP = Indicative price

## COMMERCIAL PACK

Each box contains 12 packs of Polypropylene (Blue) suture.

Manufactured by



Incepta Hygiene & Hospicare Ltd  
Dhamrai, Dhaka, Bangladesh

V.N.01