



**Making Each Life matter**  
with access to Precision Medtech

# About Healthium

## Global Medtech Company touching 1 in 5 surgeries, worldwide

Healthium Medtech is a global medical-technology company focused on products used in surgical, post-surgical and chronic care. 1 in 5 surgeries conducted globally, uses our products. We operate across three key markets: India, UK and Rest of the World and four focus areas: advanced surgery, wound care, urology and arthroscopy. We are propelled by our vision to provide "Access to precision Medtech for every patient, globally," as we believe 'Each Life Matters'.

As of Fiscal Year 2021, Healthium Medtech is:

- ✚ The largest independent medical devices company in India and second largest in the surgical consumables market in India.
- ✚ The largest non-captive surgical needles manufacturer globally by volume.
- ✚ The third-largest company in the urology collection devices market in the UK.

Healthium has made its presence felt in over 80 countries including developed markets such as US, UK, Germany and France and developing markets in South America, Asia and Africa. Our direct sales force has reached to 90% of districts in India with secondary healthcare facilities with over 40,000 surgeons in over 18000 hospitals As of 31<sup>st</sup> March 2021.



# World Class Manufacturing

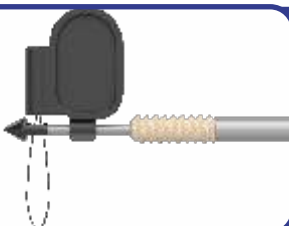


We have 8 high precision, integrated and scaled manufacturing facilities with global certifications and approvals like US FDA, C.E and ISO. We strive to maintain the global standards and work towards global quality medtech products. 35 patents in U.S, Europe and India with 29 patent applications pending As of 31<sup>st</sup> March 2021. We also have 23 stock keeping units unique to Healthium. Our Firsts include



The knotless tissue closure device with **unique triangular stopper**

Patented sutures which are used in surgical interventions during post-partum haemorrhage, a leading cause of maternal mortality in India.



Our arthroscopy range has several patented products for shoulder and knee interventions.



# Healthium Today

## Global Medtech Company

**1 in 5\***

Surgeries conducted globally, uses a Healthium product

**#1**

Independent Indian Medical Devices Company in surgical consumables market

**#1**

Non- captive surgical needles manufacturer globally by volume

**#2**

Surgical Consumables Company in India by value

**#3**

In UK in urology collection devices based on market share

As of Fiscal 2021

## Global Access

**80**

Countries

**90%**

of districts in India with secondary healthcare facilities

**18K**

Hospitals in India

**40K**

Surgeons in India

**#1**

In size of direct sales force amongst medical devices companies in India

As of 31<sup>st</sup> March, 2021

## World class manufacturing with global certifications

**8**

Manufacturing Facilities

**1<sup>st</sup>**

Indian Class III medical device company to receive US FDA registration for one of the manufacturing facilities

**Only**

CE-certified surgical needles manufacturing facility in India\*

\*As of 31<sup>st</sup> March, 2021

## Global R & D

**30**

New products\*

**64**

Patents in U.S, Europe and India^

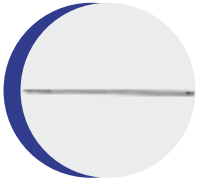
**52000**

SKUs of Products^

\*Since Fiscal year 2018

^ As of 31<sup>st</sup> March, 2021

# Needle Points



## Straight

Straight needles can be used for suturing without requiring the use of a needle holder, as long as the suturing area offers good visibility



## Blunt Point

Needle point is sharp enough to penetrate fascia and muscle but not skin, dissects the friable tissue rather than cutting it



## Conventional Cutting

It has a triangular cross section with the apex of the triangle on the inside of the needle curvature, very sharp and cuts rather than dilates



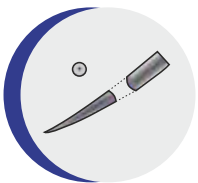
## Reverse Cutting

The body of this needle is triangular in cross section, having the apex cutting edge on the outside of the needle curvature



## J Shape

These needle designs were developed to facilitate controlled depth of penetration such as vesicourethral repair, in ophthalmological applications (cornea), etc.



## Round Body

Round Bodied needles are designed to separate tissue fibres rather than cut them



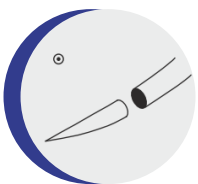
## Taper Cutting

This needle combines the initial penetration of a cutting needle with the minimised trauma of a round bodied needle



## Trocar Point

The needle is of heavy diameter and design of the cutting head ensures powerful penetration, even when deep in dense tissue



## Antiglare (Glare Free)

These needles have been designed to give outstanding visibility against tissue and where blood is present in the operating field



## Slim Blade Reverse Cutting

Slim blade reverse cutting needle with smaller diameter for relatively softer tissues to ensure clean and smooth penetration

## Needle Points



### Precision Cutting

This needle has sharp cutting edges with squared needle body and it is excellent in general skin closure



### Spatula

Spatula Needle has a square body to produce superb penetration characteristics



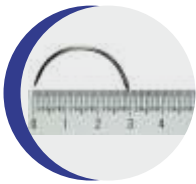
### Coronary Calcified (CC)

The unique point design of the CC Needle provides significantly improved penetration properties for the Cardiac / Vascular surgeon when suturing tough, calcified vessels



### PRIME

The cross sectional geometry of the needle tip reduces the angles of the cutting edges which gives improved penetration and control



### OR (orthopaedic)

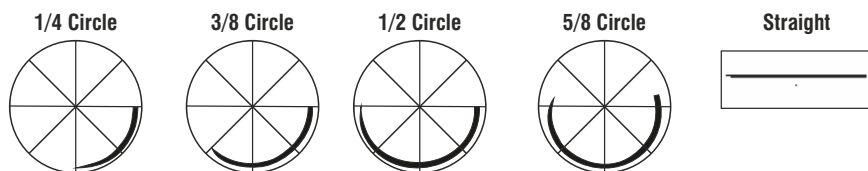
This needle has finely sharpened point and optimal penetration with less tissue wound



### MAYO

Engineered for strength with flexibility to eliminate brittleness and all points are honed to the highest standards of sharpness

## Basic Needle Shapes



## Suture Materials



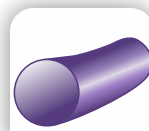
Polyglycolic Acid



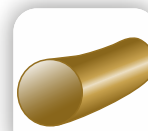
Polyglactin 910



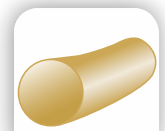
Rapid Absorbable



Polydioxanone



Catgut Chromic



Catgut Plain



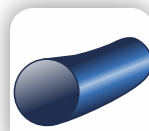
Polyglactone 25



Nylon  
(Monofilament  
Polyamide)



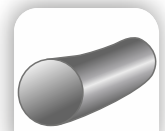
Polyester  
(Braided)



Polypropylene



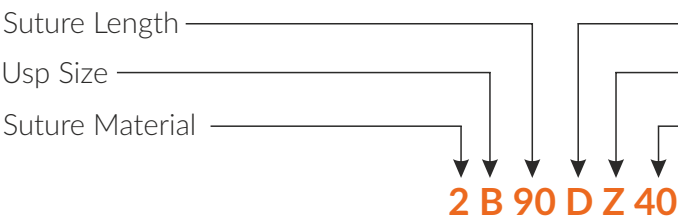
Silk  
(Braided)



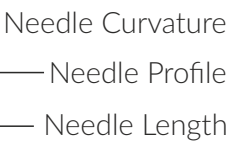
Stainless Steel

# Code Description

## SUTURE



## NEEDLE



## CODE REFERENCE INDEX

| SUTURE MATERIAL                       | CODE |
|---------------------------------------|------|
| PGA UNDYED (Trugylde Fast Undyed)     | 1    |
| PGA (Truglyde)-Violet                 | 2    |
| POLYAMIDE NYLON (Trulon)- Black       | 3    |
| CATGUT CHROMIC (Trugut Chromic)       | 4    |
| BLACK BRAIDED SILK (Trusilk)- Black   | 5    |
| POLYESTER (Trubond)- Green            | 6    |
| CATGUT PLAIN (Trugut Plain)           | 7    |
| POLYPROPYLENE (Trulene)-Blue          | 8    |
| POLYDIOXANONE (PD Synth)-voilet       | 9    |
| POLYGLACTIN 910(Trusynth)-Violet      | 10   |
| POLIGLECAPRONE (Monoglyde)- Undyed    | 11   |
| TRUPACE                               | 12   |
| STAINLESS STEEL (Trusteel)            | 13   |
| POLIGLECAPRONE (Monoglyde)- Voilet    | 14   |
| POLYAMIDE NYLON (Trulon)- Blue        | 15   |
| POLYAMIDE NYLON (Trulon)- Undyed      | 16   |
| POLYESTER (Trubond)- White            | 17   |
| PGA FAST (Trugylde Undyed)            | 18   |
| POLYGLACTIN 910(Trusynth Undyed)      | 19   |
| POLYGLACTIN 910(Trusynth Fast Undyed) | 20   |
| BRAIDED SILK (Trusilk)- White         | 21   |

## SUTURE USP SIZE

| USP      | CODE |
|----------|------|
| 7        | Q    |
| 6        | P    |
| 5        | O    |
| 4        | N    |
| 3        | A    |
| 2        | B    |
| 1        | C    |
| 0 OR 1-0 | D    |
| 2-0      | E    |
| 3-0      | F    |
| 4-0      | G    |
| 5-0      | H    |
| 6-0      | I    |
| 7-0      | J    |
| 8-0      | K    |
| 9-0      | L    |
| 10-0     | M    |

## NEEDLE CURVATURE

|          |   |
|----------|---|
| 1/2      | D |
| 3/8      | C |
| 5/8      | E |
| STRAIGHT | A |
| 1/4      | B |

## NEEDLE PROFILE

|                             |    |
|-----------------------------|----|
| ROUND BODIED OR TAPER POINT | Z  |
| REVERSE CUTTING/ CURVE      | X  |
| CUTTING                     | Y  |
| TAPER CUTTING               | K  |
| TROCAR                      | T  |
| BLUNT                       | R  |
| SPATULA                     | S  |
| SLIM BLADE CUTTING          | P  |
| DOUBLE ARM                  | DA |
| HEAVY                       | H  |
| LOOP                        | L  |

# TRUSYNTH

Absorbable, Coated Polyglactin 910



## Features & Benefits

- ✓ Synthetic, absorbable, multifilament, compactly braided suture<sup>1,2</sup>
- ✓ Excellent tensile strength<sup>2,3</sup> with improved handling<sup>3</sup>
- ✓ Minimal tissue reaction<sup>1,3</sup> with predictable & quick absorption rate<sup>3</sup>
- ✓ Smooth knot tie-down with excellent knot security<sup>4</sup>
- ✓ Excellent support during critical wound healing period

## Absorption profile

**Wound support:** 28 to 30 days

**Total absorption:** 56 to 70 days

## Usage

Recommended for Soft Tissue Approximation Including Skin, Subcutaneous, Rectus Sheath, Bladder Flap and Uterine Closure

### References:

1. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. Surg Clin North Am. 2009;89(3):627-41.
2. Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure. Indian J Dermatol Venereol Leprol. 2009;75(4):425-34.
3. Blaydes JE. The evaluation of 7-0 Polyglactin 910 suture in cataract surgery. Ophthalmic Surg. 1975 Winter;6(4):99-104.
4. Rodeheaver GT, Thacker JG, Edlich RF. Mechanical performance of polyglycolic acid and polyglactin 910 synthetic absorbable sutures. Surg Gynecol Obstet. 1981 Dec;153(6):835-4
5. Ramsey C, Koch F. The role of sutures in wound healing. 2001. Available at <http://www.infectioncontroltoday.com/articles/2001/09/the-role-of-sutures-in-wound-healing.aspx> Accessed on September 16, 2014.

# TRUSYNTH

Coated Polyglactin 910

| Needle Length<br>(mm)                                                                                                                 | Suture<br>Length (cm) | 6-0      | 5-0        | 4-0       | 3-0        | 2-0       |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|------------|-----------|------------|-----------|
| <b>9</b><br>1/2 Circle Round Body<br>                | 75                    | 10I75DZ9 |            |           |            |           |
| <b>12</b><br>3/8 Circle Reverse Cutting<br>          | 45                    |          |            | 10G45CX12 |            |           |
| <b>12</b><br>3/8 Circle Reverse Cutting Truprime<br> | 45                    |          | 10H45CX12P |           |            |           |
| <b>16</b><br>3/8 Circle Reverse Cutting Truprime<br> | 70                    |          |            |           | 10F70CX16P |           |
| <b>16</b><br>3/8 Circle Cutting<br>                  | 45                    |          |            |           | 10F45CY16  |           |
| <b>16</b><br>3/8 Circle Reverse Cutting<br>         | 70                    |          |            | 10G70CX16 |            |           |
| <b>16</b><br>5/8 Circle Cutting<br>                | 45                    |          |            | 10G45EY16 |            |           |
| <b>16</b><br>1/2 Circle Round Body<br>             | 70                    |          |            | 10G70DZ16 |            |           |
| <b>17</b><br>1/2 Circle Round Body<br>             | 75                    |          |            | 10G75DZ17 |            |           |
| <b>17</b><br>1/2 Circle Taper Cutting<br>          | 75                    |          |            | 10G75DK17 |            |           |
| <b>19</b><br>3/8 circle Cutting Truprime<br>       | 90                    |          |            |           | 10F90CY19P |           |
| <b>20</b><br>1/2 Circle Round Body<br>             | 70                    |          |            | 10G70DZ20 | 10F70DZ20  |           |
| <b>22</b><br>1/2 Circle Round Body<br>             | 75                    |          |            | 10G75DZ22 | 10F75DZ22  |           |
| <b>22</b><br>1/2 Circle Taper Cutting<br>          | 75                    |          |            |           |            | 10E75DK22 |
| <b>22</b><br>3/8 Circle Cutting<br>                | 45                    |          |            |           | 10F45CY22  |           |

# TRUSYNTH

Coated Polyglactin 910

| Needle Length<br>(mm)                                                                                                                                                | Suture<br>Length (cm) | 3-0        | 2-0                          | 0/1-0     | 1         | 2         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|------------------------------|-----------|-----------|-----------|
| <b>22</b> <br>1/2 Circle Cutting                                                    | 90                    | 10F90DY22  |                              |           |           |           |
| <b>23</b> <br>1/2 Circle<br>Reverse Cutting                                         | 35                    |            |                              |           | 10C35DX23 |           |
|                                                                                                                                                                      | 45                    |            |                              | 10D45DX23 |           |           |
|                                                                                                                                                                      | 70                    |            |                              |           | 10C70DX23 |           |
| <b>25</b> <br>1/2 Circle Round Body                                                 | 75                    |            |                              |           |           | 10B75DZ25 |
| <b>25</b> <br>1/2 Circle Taper Cutting                                              | 75                    |            |                              | 10D75DK25 |           |           |
| <b>25</b> <br>3/8 Circle Truprime<br>Conventional cutting<br>Undyed                 | 90                    | 19F90CY25P |                              |           |           |           |
| <b>26</b> <br>1/2 Circle Round Body                                               | 75                    | 10F75DZ26  | 10E75DZ26                    |           |           |           |
| <b>26</b> <br>3/8 Circle Conventional<br>Cutting                                  | 90                    |            | 10E90CY26                    |           |           |           |
| <b>26</b> <br>3/8 Circle Cutting<br>Undyed                                        | 90                    |            | 19E90CY26                    |           |           |           |
| <b>26</b> <br>3/8 Circle Reverse<br>Cutting Undyed                                | 70                    | 19F70CX26  |                              |           |           |           |
| <b>30</b> <br>1/2 Circle Round<br>Body                                            | 70                    | 10F70DZ30  | 10E70DZ30                    |           |           |           |
|                                                                                                                                                                      | 90                    |            | 10E90DZ30                    | 10D90DZ30 |           |           |
| <b>30</b> <br>1/2 Circle Round<br>Body & 1/2 Circle Taper<br>Cutting Double Armed | 140                   |            | 10E140DZ30 &<br>10E140DK30DA |           |           |           |
| <b>35</b> <br>1/2 Circle Round Body                                               | 75                    |            |                              |           | 10C90DZ35 | 10B75DZ35 |

# TRUSYNTH

Coated Polyglactin 910

| Needle Length<br>(mm)                                                                                                                     | Suture<br>Length (cm) | 3-0       | 2-0       | 0 / 1-0    | 1          | 2          |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|-----------|------------|------------|------------|
| <b>36</b> <br>1/2 Circle Reverse<br>Cutting OR6 Needle   | 90                    |           |           | 10D90DX36  |            |            |
| <b>36</b> <br>1/2 Circle Round<br>Body                   | 120                   |           |           |            | 10C120DZ36 |            |
| <b>36</b> <br>1/2 Circle Round<br>Body Undyed            | 90                    |           | 19E90DZ36 | 19D90DZ36  |            |            |
| <b>36</b> <br>1/2 Circle Taper<br>Cutting                | 90                    | 10F90DK36 |           | 10D90DK36  |            |            |
| <b>36</b> <br>1/2 Circle Taper<br>Point Undyed         | 90                    |           |           |            | 19C90DZ36  |            |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting            | 90                    |           | 10E90DX40 |            |            |            |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Heavy  | 90                    |           |           |            |            | 10B90DX40H |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Needle | 90                    |           |           |            | 10C90DX40  |            |
| <b>40</b> <br>1/2 Circle Round<br>Body                 | 75                    |           |           | 10D75DZ40  | 10C75DZ40  | 10B75DZ40  |
|                                                                                                                                           | 90                    |           | 10E90DZ40 | 10D90DZ40  | 10C90DZ40  |            |
|                                                                                                                                           | 110                   |           |           | 10D110DZ40 |            |            |

# TRUSYNTH

Coated Polyglactin 910

| Needle Length<br>(mm)                                                                                                                                              | Suture<br>Length (cm) | 2-0                          | 0 / 1-0                      | 1                            | 2         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|------------------------------|------------------------------|-----------|
| <b>40</b> <br>1/2 Circle Round<br>Body & 1/2 Circle Taper<br>Cutting Double Armed | 140                   |                              | 10D140DZ40 &<br>10D140DK40DA | 10C140DZ40 &<br>10C140DK40DA |           |
|                                                                                                                                                                    | 180                   | 10E180DZ40 &<br>10E180DK40DA | 10D180DZ40 &<br>10D180DK40DA | 10C180DZ40 &<br>10C180DK40DA |           |
|                                                                                                                                                                    | 185                   |                              | 10D185DZ40 &<br>10D185DK40DA | 10C185DZ40 &<br>10C185DK40DA |           |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy                                      | 90                    |                              |                              | 10C90DZ40H                   |           |
|                                                                                                                                                                    | 95                    |                              |                              | 10C95DZ40H                   |           |
|                                                                                                                                                                    | 110                   |                              |                              | 10C110DZ40H                  |           |
|                                                                                                                                                                    | 115                   |                              |                              | 10C115DZ40H                  |           |
|                                                                                                                                                                    | 125                   |                              |                              | 10C125DZ40H                  |           |
| <b>40</b> <br>1/2 Circle Taper<br>Cutting                                       | 90                    |                              | 10D90DK40                    | 10C90DK40                    |           |
| <b>40</b> <br>1/2 Circle Taper Cutting<br>Double Armed                          | 180                   |                              | 10D180DK40DA                 |                              |           |
| <b>40</b> <br>1/2 Circle Taper<br>Cutting Heavy                                 | 70                    |                              |                              | 10C70DK40H                   |           |
| <b>40</b> <br>3/8 Circle Conventional<br>Cutting Undyed                         | 90                    | 19E90CY40                    |                              |                              |           |
| <b>45</b> <br>1/2 Circle Round<br>Body                                          | 75                    |                              |                              |                              | 10B75DZ45 |
| <b>45</b> <br>1/2 Circle Reverse<br>Cutting                                     | 90                    |                              |                              | 10C90DX45                    |           |
| <b>48</b> <br>1/2 Circle Round<br>Body                                          | 75                    |                              |                              | 10C75DZ48                    |           |

# TRUSYNTH

Coated Polyglactin 910

| Needle Length (mm)                                                                                                                                                          | Suture Length (cm) | 0 / 1-0   | 1                             | 2          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-------------------------------|------------|
| <b>40/50</b> <br>1/2 Circle Taper Cutting &<br>3/8 Circle Round Body<br>Double Armed       | 160                |           | 10C160DK40 &<br>10C160CZ40DA  |            |
|                                                                                                                                                                             |                    |           | 10C160DK50 &<br>10C160CZ50DA  |            |
| <b>50/40</b> <br>1/2 Circle Round Body &<br>1/2 Circle Taper Cutting<br>Double Armed Heavy | 180                |           | 10C180DZ40 &<br>10C180DK40DAH |            |
|                                                                                                                                                                             |                    |           | 10C180DZ50 &<br>10C180DK50DAH |            |
| <b>50</b> <br>1/2 Circle Round<br>Body                                                     | 75                 | 10D75DZ50 |                               |            |
| <b>50</b> <br>1/2 Circle Reverse<br>Cutting Heavy                                        | 90                 |           | 10C90DX50H                    |            |
| <b>50</b> <br>1/2 Circle Round<br>Body Heavy                                             | 75                 |           |                               | 10B75DZ50H |
|                                                                                                                                                                             | 100                |           | 10C100DZ50H                   |            |
| <b>65</b> <br>1/2 Circle Round<br>Body                                                   | 75                 |           |                               | 10B75DZ65  |

## Without Needle

| Needle curvature/Profile | Suture Length (cm) | 4-0     | 3-0     | 2-0   | 0 / 1-0 | 1 |
|--------------------------|--------------------|---------|---------|-------|---------|---|
| Without Needle           | 3x50               | 10G3x50 | 10F3x50 |       | 10D3x50 |   |
| Without Needle           | 75                 |         | 10F75   | 10E75 | 10D75   |   |

# TRUSYNTH FAST

Fast Absorbable, Coated Polyglactin 910



## Features & Benefits

- ✓ Faster and predictable absorption<sup>1</sup>
- ✓ Better handling property<sup>1</sup>
- ✓ Excellent knot sliding and knot security
- ✓ Decreased pain and faster resumption of normal activity<sup>2,3</sup>
- ✓ Minimal incidence of wound breakdown and residual suture material<sup>2</sup>
- ✓ Decreased consumption of analgesics at 48 hours after surgery<sup>3</sup>

## Absorption profile

**Wound support:** 7 to 10 days

**Total absorption:** 40 to 42 days

## Usage

Specially Designed for Episiotomy Procedure and Skin Closure

**References:**

1.Greenberg JA, Clark RM. Advances in suture material for obstetric and gynecologic surgery. Rev Obstet Gynecol. 2009 Summer;2(3):146-58.

2.Greenberg JA, Lieberman E, Cohen AP, Ecker JL. Randomized comparison of chromic versus fast-absorbing polyglactin 910 for postpartum perineal repair. Obstet Gynecol. 2004 Jun;103(6):1308-13.

3.Leroux N, Bujold E. Impact of chromic catgut versus polyglactin 910 versus fast-absorbing polyglactin 910 sutures for perineal repair: a randomized, controlled trial. Am J Obstet Gynecol. 2006 Jun;194(6):1585-90.

# TRUSYNTH

Coated Polyglactin 910

| Needle Length<br>(mm)                                                                                                                                                  | Suture<br>Length (cm) | 4-0       | 3-0       | 2-0                          | 1-0        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|-----------|------------------------------|------------|
| <b>16</b> <br>3/8 Circle Reverse<br>Cutting CIRKUM                                    | 45                    | 20G45CX16 |           |                              |            |
| <b>16</b> <br>3/8 Circle Round<br>Body CIRKUM                                         | 45                    | 20G45CZ16 |           |                              |            |
| <b>26</b> <br>3/8 Circle Reverse<br>Cutting                                           | 75                    |           | 20F75CX26 | 20E75CX26                    |            |
| <b>30</b> <br>1/2 Circle Cutting<br>Double Armed                                      | 90                    |           |           | 20E90DY30DA                  |            |
| <b>30</b> <br>1/2 Circle Round Body                                                  | 100                   |           |           |                              | 20D100DZ30 |
|                                                                                                                                                                        | 70                    |           | 20F70DZ30 |                              |            |
| <b>35</b> <br>1/2 Circle Round Body                                                 | 110                   |           |           |                              | 20D110DZ35 |
|                                                                                                                                                                        | 90                    |           | 20F90DZ35 |                              |            |
| <b>35</b> <br>1/2 Circle Taper Cutting                                              | 90                    |           |           | 20E90DK35                    | 20D90DK35  |
| <b>35</b> <br>1/2 Circle Taper<br>Cutting EPICIO                                    | 100                   |           |           | 20E100DK35                   | 20D100DK35 |
| <b>36</b> <br>1/2 Circle Reverse Cutting<br>& 1/2 Circle Round<br>Body Double Armed | 140                   |           |           | 20E140DX36 &<br>20E140DZ36DA |            |
| <b>38</b> <br>1/2 Circle Round Body                                                 | 90                    |           |           | 20E90DZ38                    |            |
| <b>40</b> <br>1/2 Circle Round Body                                                 | 100                   |           |           | 20E100DZ40                   |            |

# TRUGLYDE

Absorbable, Braided & Coated Polyglycolic Acid



## Features & Benefits

- ✓ Synthetic, coated, braided, absorbable suture made of polyglycolic acid<sup>1</sup>
- ✓ Lubricant coating decreases the coefficient of friction<sup>1</sup>, allowing easy tissue passage
- ✓ Excellent initial tensile strength<sup>2</sup>
- ✓ Elicits less inflammatory response since it is not a naturally occurring organic substance<sup>3</sup>
- ✓ Excellent knot security<sup>3</sup>

## Absorption profile

**Wound support:** 28 to 30 days

**Total absorption:** 70 to 90 days

## Usage

Recommended for Soft Tissue Approximation Including Skin, Subcutaneous, Rectus Sheath, Bladder Flap and Uterine Closure

### References:

- 1.Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. SurgClin North Am. 2009;89(3):627-41.
- 2.Outlaw KK, Vela AR, O'Leary JP. Breaking strength and diameter of absorbable sutures after in vivo exposure in the rat. Am Surg 1998;64:348-54.
3. Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure.Indian J DermatolVenereolLeprol. 2009;75(4):425-34.

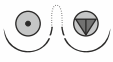
# TRUGLYDE

Braided & Coated Polyglycolic Acid

| Needle Length<br>(mm)                                                                                                          | Suture<br>Length (cm) | 5-0      | 4-0       | 3-0      | 2-0 |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|-----------|----------|-----|
| <b>12</b> <br>3/8 Circle Reverse<br>Cutting   | 45                    | 2H45CX12 | 2G45CX12  | 2F45CX12 |     |
| <b>16</b> <br>1/2 Circle Round<br>Body        | 45                    | 2H45DZ16 |           |          |     |
|                                                                                                                                | 70                    |          | 2G70DZ16  |          |     |
| <b>16</b> <br>3/8 Circle Cutting              | 45                    | 2H45CY16 |           | 2F45CY16 |     |
| <b>16</b> <br>3/8 Circle Cutting<br>Undyed    | 70                    |          | 18G70CY16 |          |     |
| <b>16</b> <br>3/8 Circle Reverse<br>Cutting | 45                    |          | 2G45CX16  |          |     |
|                                                                                                                                | 70                    |          | 2G70CX16  |          |     |
| <b>16</b> <br>5/8 Circle Cutting            | 45                    |          | 2G45EY16  |          |     |
| <b>17</b> <br>1/2 Circle Taper<br>Cutting   | 45                    |          |           | 2F45DK17 |     |
| <b>20</b> <br>1/2 Circle Round<br>Body      | 70                    |          | 2G70DZ20  | 2F70DZ20 |     |
| <b>22</b> <br>1/2 Circle Cutting            | 90                    |          |           | 2F90DY22 |     |
| <b>22</b> <br>3/8 Circle Cutting            | 45                    |          |           | 2F45CY22 |     |

# TRUGLYDE

Braided & Coated Polyglycolic Acid

| Needle Length<br>(mm)                                                                                                                                                | Suture<br>Length (cm) | 3-0        | 2-0                        | 0 / 1-0   | 1         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|----------------------------|-----------|-----------|
| <b>22</b> <br>3/8 Circle Round Body<br>Double Armed                                 | 70                    | 2F70CZ22DA |                            |           |           |
| <b>23</b> <br>1/2 Circle Reverse<br>Cutting                                         | 35                    |            |                            | 2D35DX23  | 2C35DX23  |
|                                                                                                                                                                      | 70                    |            |                            |           | 2C70DX23  |
| <b>26</b> <br>3/8 Circle Reverse<br>Cutting Undyed                                  | 70                    | 18F70CX26  |                            |           |           |
| <b>27</b> <br>5/8 Circle Round<br>Body                                              | 70                    |            | 2E70EZ27                   |           |           |
|                                                                                                                                                                      | 100                   |            | 2E100EZ27                  |           |           |
| <b>30</b> <br>1/2 Circle Round<br>Body                                            | 70                    |            | 2E70DZ30                   | 2D70DZ30  |           |
|                                                                                                                                                                      | 90                    |            | 2E90DZ30                   | 2D90DZ30  |           |
| <b>30</b> <br>1/2 Circle Round Body &<br>1/2 Circle Taper Cutting<br>Double Armed | 140                   |            | 2E140DZ30 &<br>2E140DK30DA |           |           |
| <b>30</b> <br>1/2 Circle Round<br>Body Heavy                                      | 20                    |            |                            | 2D20DZ30H | 2C20DZ30H |
| <b>30</b> <br>1/2 Circle Taper<br>Cutting                                         | 20                    |            | 2E20DK30                   | 2D20DK30  | 2C20DK30  |
|                                                                                                                                                                      | 45                    |            | 2E45DK30                   | 2D45DK30  | 2C45DK30  |
|                                                                                                                                                                      | 90                    |            | 2E90DK30                   | 2D90DK30  | 2C90DK30  |
| <b>36</b> <br>1/2 Circle Reverse<br>Cutting OR6 Needle                            | 90                    |            |                            | 2D90DX36  |           |

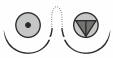
# TRUGLYDE

Braided & Coated Polyglycolic Acid

| Needle Length<br>(mm)                                                                                                                                                                | Suture<br>Length (cm) | 3-0      | 2-0       | 0 / 1-0   | 1                        | 2         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|-----------|-----------|--------------------------|-----------|
| <b>36</b> <br>1/2 Circle Round<br>Body Undyed                                                       | 90                    |          | 18E90DZ36 | 18D90DZ36 | 18C90DZ36                |           |
| <b>36</b> <br>1/2 Circle Taper<br>Cutting                                                           | 90                    | 2F90DK36 |           |           |                          |           |
| <b>36</b> <br>1/2 Circle Taper<br>Cutting OB Needle                                                 | 90                    |          |           |           | 2C90DK36                 |           |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting                                                         | 45                    |          | 2E45DX40  |           |                          |           |
|                                                                                                                                                                                      | 90                    |          | 2E90DX40  | 2D90DX40  | 2C90DX40                 |           |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Heavy                                             | 90                    |          |           |           |                          | 2B90DX40H |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Needle                                            | 45                    |          |           |           | 2C45DX40                 |           |
|                                                                                                                                                                                      | 90                    |          |           |           | 2C90DX40                 |           |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 needle &<br>1/2 Circle Round Body<br>Double Armed | 140                   |          |           |           | 2C140DX40<br>2C140DZ40DA |           |
| <b>40</b> <br>1/2 Circle Round Body                                                               | 20                    |          |           | 2D20DZ40  |                          |           |
|                                                                                                                                                                                      | 45                    |          |           | 2D45DZ40  |                          |           |
|                                                                                                                                                                                      | 70                    |          |           | 2D70DZ40  |                          |           |
|                                                                                                                                                                                      | 90                    | 2F90DZ40 | 2E90DZ40  | 2D90DZ40  |                          |           |
|                                                                                                                                                                                      | 110                   |          |           | 2D110DZ40 |                          |           |

# TRUGLYDE

Braided & Coated Polyglycolic Acid

| Needle Length<br>(mm)                                                                                                                                              | Suture<br>Length (cm) | 2-0      | 1-0                        | 1                          | 2                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------------------------|----------------------------|----------------------------|
| <b>40</b> <br>1/2 Circle Round Body &<br>1/2 Circle Taper<br>Cutting Double Armed | 140                   |          | 2D140DZ40 &<br>2D140DK40DA | 2C140DZ40 &<br>2C140DK40DA | 2B140DZ40 &<br>2B140DK40DA |
|                                                                                                                                                                    | 180                   |          | 2D180DZ40 &<br>2D180DK40DA | 2C180DZ40 &<br>2C180DK40DA |                            |
| <b>40</b> <br>1/2 Circle Round Body &<br>1/2 Circle Taper Cutting<br>Double Armed | 160                   |          |                            | 2C160DZ40 &<br>2C160DK40DA |                            |
| <b>40</b> <br>1/2 Circle Round Body<br>Double Armed                               | 180                   |          |                            | 2C180DZ40DA                |                            |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy                                    | 20                    |          |                            | 2C20DZ40H                  |                            |
|                                                                                                                                                                    | 45                    |          |                            | 2C45DZ40H                  |                            |
|                                                                                                                                                                    | 70                    |          |                            | 2C70DZ40H                  |                            |
|                                                                                                                                                                    | 90                    |          |                            | 2C90DZ40H                  |                            |
|                                                                                                                                                                    | 110                   |          |                            | 2C110DZ40H                 |                            |
| <b>40</b> <br>1/2 Circle Taper<br>Cutting                                       | 90                    | 2E90DK40 | 2D90DK40                   |                            |                            |
|                                                                                                                                                                    | 110                   |          | 2D110DK40                  |                            |                            |
| <b>40</b> <br>1/2 Circle Taper Cutting<br>Double Armed                          | 140                   |          |                            | 2C140DK40DA                |                            |
| <b>40</b> <br>1/2 Circle Taper<br>Cutting Heavy                                 | 45                    |          | 2D45DK40H                  | 2C45DK40H                  |                            |
|                                                                                                                                                                    | 70                    |          |                            | 2C70DK40H                  |                            |
|                                                                                                                                                                    | 90                    |          |                            | 2C90DK40H                  |                            |
|                                                                                                                                                                    | 110                   |          |                            | 2C110DK40H                 |                            |
| <b>45</b> <br>1/2 Circle<br>Round Body                                          | 90                    |          |                            |                            | 2B90DZ45                   |
|                                                                                                                                                                    | 110                   |          |                            |                            | 2B110DZ45                  |

# TRUGLYDE

Braided & Coated Polyglycolic Acid

| Needle Length (mm)                                                                                                                             | Suture Length (cm) | 4-0 | 2-0      | 1-0      | 1           | 2            |
|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----|----------|----------|-------------|--------------|
| <b>45</b> <br>1/2 Circle Round Body                           | 90                 |     |          |          |             | 2B90DZ45     |
|                                                                                                                                                | 110                |     |          |          |             | 2B110DZ45    |
| <b>45</b> <br>1/2 Circle Taper Cutting                        | 90                 |     |          | 2D90DK45 |             |              |
| <b>45</b> <br>1/2 Circle Taper Cutting                        | 45                 |     | 2E45CX45 |          |             |              |
|                                                                                                                                                | 90                 |     | 2E90CX45 |          |             |              |
| <b>50</b> <br>3/8 Circle Reverse Cutting Heavy                | 90                 |     |          |          | 2C90DX50H   |              |
| <b>50</b> <br>1/2 Circle Reverse Cutting Heavy Double Armed | 140                |     |          |          |             | 2B140DX50HDA |
| <b>50</b> <br>1/2 Circle Round Body Double Armed            | 180                |     |          |          | 2C180DZ50DA |              |
| <b>50</b> <br>1/2 Circle Round Body Heavy                   | 100                |     |          |          | 2C100DZ50H  |              |

## Without Needle

| Needle curvature/Profile | Suture Length (cm) | 3-0 | 2-0   | 0 / 1-0 | 1     | 2 |
|--------------------------|--------------------|-----|-------|---------|-------|---|
| Without Needle           | 150                |     | 2E150 | 2D150   | 2C150 |   |
| Without Needle           | 180                |     | 2E180 | 2D180   | 2C180 |   |

# TRUGLYDE FAST

Fast Absorbable, Braided & Coated Polyglycolic Acid



## Features & Benefits

- ✓ Synthetic, coated, braided, absorbable suture
- ✓ Faster, predictable absorption<sup>1</sup>, reduces pain and discomfort
- ✓ Consistent, short-term wound support<sup>2</sup>
- ✓ Patients with standard synthetic sutures require removal of unabsorbed suture material compared with rapidly absorbed sutures<sup>3</sup>

## Absorption profile

**Wound support:** 7 to 10 days

**Total absorption:** 40 to 42 days

## Usage

Specially Designed for Episiotomy Procedure and Skin Closure

### References:

1. Chu CC, Williams DF. The effect of gamma irradiation on the enzymatic degradation of polyglycolic acid absorbable sutures. J Biomed Mater Res. 1983;17(6):1029-40.
2. Coated fast absorbing polyglycolic acid suture, undyed: Summary of safety and effectiveness. 2001. Available at: [http://www.accessdata.fda.gov/cdrh\\_docs/pdf/k014021.pdf](http://www.accessdata.fda.gov/cdrh_docs/pdf/k014021.pdf) Accessed on September 16, 2014.
3. Kettle C, Dowsell T, Ismail KM. Absorbable suture materials for primary repair of episiotomy and second degree tears. Cochrane Database Syst Rev. 2010 Jun 16;(6):CD000006. doi: 10.1002/14651858.CD000006.pub2.

# TRUGLYDE FAST

Braided & Coated Polyglycolic Acid

| Needle Length<br>(mm)                                                                                                                                                        | Suture<br>Length (cm) | 3-0      | 2-0                        | 0 / 1-0   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------------------------|-----------|
| <b>22</b> <br>1/2 Circle Cutting                                                            | 45                    | 1F45DY22 |                            |           |
| <b>26</b> <br>3/8 Circle Reverse<br>Cutting                                                 | 45                    | 1F45CX26 |                            |           |
|                                                                                                                                                                              | 70                    | 1F70CX26 |                            |           |
|                                                                                                                                                                              | 75                    | 1F75CX26 |                            |           |
| <b>35</b> <br>1/2 Circle Taper<br>Cutting                                                   | 70                    |          | 1E70DK35                   | 1D70DK35  |
|                                                                                                                                                                              | 90                    |          | 1E90DK35                   | 1D90DK35  |
|                                                                                                                                                                              | 110                   |          | 1E110DK35                  |           |
| <b>36</b> <br>1/2 Circle Round Body<br>& 1/2 Circle Reverse<br>Cutting Double Armed       | 140                   |          | 1E140DZ36 &<br>1E140DX36DA |           |
| <b>36/40</b> <br>1/2 Circle Reverse<br>Cutting & 1/2 Circle<br>Round Body<br>Double Armed | 140                   |          | 1E140DX40 &<br>1E140DZ40DA |           |
|                                                                                                                                                                              |                       |          | 1E140DX36 &<br>1E140DZ36DA |           |
| <b>40</b> <br>1/2 Circle<br>Round Body                                                    | 110                   |          |                            | 1D110DZ40 |

# MONOGLYDE

Monofilament Poliglecaprone 25 Undyed



## Features & Benefits

- ✓ Minimal, less reactive scars<sup>1</sup> with excellent cosmesis
- ✓ Significant initial tensile strength
- ✓ Predictable absorption<sup>2</sup>

## Absorption profile

**Wound support:** 3 to 4 weeks

**Total absorption:** 90 to 120 days

## Usage

Recommended for Subcuticular and Peritoneal Repair

### References:

1. Niessen FB, Spauwen PH, Kon M. The role of suture material in hypertrophic scar formation: Monocry vs Vicryl/Rapide. Ann Plast Surg 1997;39:254-60.
2. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. Surg Clin North Am. 2009;89(3):627-41.
3. Ramsey C, Koch F. The role of sutures in wound healing. 2001. Available at <http://www.infectioncontrolday.com/articles/2001/09/the-role-of-sutures-in-wound-healing.aspx> Accessed on September 16, 2014.

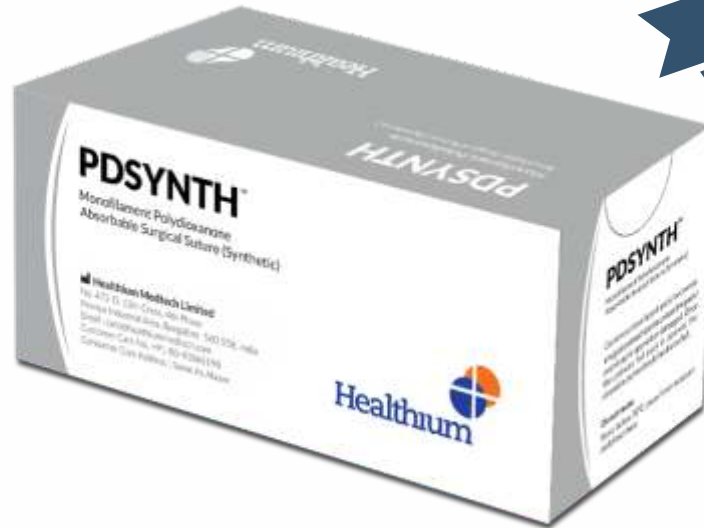
# MONOGLYDE

Monofilament Poliglecaprone 25 Undyed

| Needle Length<br>(mm)                                                                                                                    | Suture<br>Length (cm) | 5-0        | 4-0       | 3-0        | 2-0       | 0 / 1-0   |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|-----------|------------|-----------|-----------|
| <b>13</b> <br>3/8 circle Reverse<br>Cutting TruPrime    | 45                    | 11H45CX13P |           |            |           |           |
| <b>16</b> <br>3/8 Circle Reverse<br>Cutting             | 70                    |            | 11G70CX16 |            |           |           |
| <b>16</b> <br>3/8 Circle Reverse<br>Cutting TruPrime    | 45                    | 11H45CX16P |           |            |           |           |
| <b>25</b> <br>3/8 Circle Precision<br>Cutting Trusharp | 45                    |            |           | 11F45CY25P |           |           |
|                                                                                                                                          | 70                    |            |           | 11F70CY25P |           |           |
| <b>26</b> <br>3/8 Circle Reverse<br>Cutting           | 70                    |            |           | 11F70CX26  |           |           |
| <b>30</b> <br>1/2 Circle Round<br>Body                | 70                    |            |           |            | 11E70DZ30 | 11D70DZ30 |
| <b>35</b> <br>1/2 Circle Round<br>Body                | 90                    |            |           | 11F90DZ35  |           |           |
| <b>60</b> <br>Straight Cutting                        | 35                    |            |           |            | 11E35AY60 |           |
|                                                                                                                                          | 70                    |            |           | 11F70AY60  |           |           |
| Without Needle                                                                                                                           | 150                   |            |           |            |           | 11D150    |

# PDSYNTH

Monofilament Polydioxanone



## Features & Benefits

- ✓ Synthetic, absorbable, monofilament suture
- ✓ Extended tensile strength<sup>1</sup>
- ✓ Smooth passage through tissue
- ✓ Slow and predictable absorption<sup>2</sup>
- ✓ Induces minimum inflammation<sup>1</sup>
- ✓ Loop suture in sizes 1 and 0

## Absorption profile

**Wound support:** 5 to 6 weeks

**Total absorption:** 180 to 210 days

## Usage

Recommended for Subcuticular and Peritoneal Repair

### References:

1. Lober CW, Fenske NA. Suture materials. In: Roenigk & Roenigk's Dermatologic Surgery: Principles and Practice, 2nd Edition, 1996; pp.91-100.
2. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. Surg Clin North Am. 2009;89(3):627-41.

# PDSYNTH

Monofilament Polydioxanone

| Needle Length<br>(mm)                                                                                                                    | Suture<br>Length(cm) | 5-0        | 4-0      | 3-0      | 2-0      | 0 /1-0   | 1         |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------|----------|----------|----------|----------|-----------|
| <b>13</b> <br>1/2 Circle Round Body<br>Double Armed     | 70                   | 9H70DZ13DA |          |          |          |          |           |
| <b>17</b> <br>1/2 Circle Round<br>Body                  | 75                   |            | 9G75DZ17 |          |          |          |           |
| <b>17</b> <br>1/2 Circle<br>Taper Cutting               | 75                   |            | 9G75DK17 |          |          |          |           |
| <b>20</b> <br>1/2 Circle Round<br>Body                  | 70                   |            | 9G70DZ20 | 9F70DZ20 |          |          |           |
| <b>22</b> <br>1/2 Circle Round<br>Body                 | 75                   |            |          | 9F75DZ22 |          |          |           |
| <b>23</b> <br>1/2 Circle<br>Reverse Cutting           | 70                   |            |          |          |          |          | 9C70DX23  |
| <b>30</b> <br>1/2 Circle Round<br>Body                | 70                   |            |          | 9F70DZ30 | 9E70DZ30 | 9D70DZ30 |           |
|                                                                                                                                          | 75                   |            |          | 9F75DZ30 |          | 9D75DZ30 |           |
| <b>30</b> <br>1/2 Circle Taper<br>Cutting             | 110                  |            |          |          |          |          | 9C110DK30 |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Heavy | 90                   |            |          |          |          |          | 9C90DX40H |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy          | 45                   |            |          |          |          |          | 9C45DZ40H |
|                                                                                                                                          | 90                   |            |          |          |          |          | 9C90DZ40H |
| <b>40</b> <br>1/2 Circle Round Body                   | 70                   |            |          |          |          | 9D70DZ40 |           |

# PDSYNTH

Monofilament Polydioxanone

| Needle Length<br>(mm)                                                                                                                  | Suture<br>Length(cm) | 5-0 | 4-0 | 3-0 | 2-0 | 0 /1-0      | 1           |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----|-----|-----|-----|-------------|-------------|
| <b>40</b> <br>1/2 Circle Round Body                   | 90                   |     |     |     |     |             | 9C90DZ40    |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting OR8 Heavy | 90                   |     |     |     |     |             | 9C90DX40    |
|                                                                                                                                        |                      |     |     |     |     |             | 9C90DX40H   |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy          | 90                   |     |     |     |     | 9D90DZ40H   |             |
| <b>45</b> <br>1/2 Circle Round<br>Body                | 90                   |     |     |     |     |             | 9C90DZ45    |
| <b>50</b> <br>1/2 Circle Round<br>Body Heavy        | 150                  |     |     |     |     | 9D150DZ50H  |             |
| <b>50</b> <br>1/2 Circle Round Body<br>Heavy-LOOP   | 150                  |     |     |     |     |             | 9C150DZ50HL |
| <b>65</b> <br>1/2 Circle Round Body<br>Heavy-LOOP   | 122                  |     |     |     |     |             | 9C122DZ65HL |
|                                                                                                                                        | 150                  |     |     |     |     | 9D150DZ65HL |             |

# TRUGUT

Sterilized Surgical Catgut Suture



## Features & Benefits

- ✓ Biologic, absorbable, monofilament sutures<sup>1</sup>
- ✓ No fraying
- ✓ Plain catgut- untreated and rapidly absorbed
- ✓ Chromic catgut- treated with chromic salts to delay the absorption<sup>1</sup>

|                                 | Plain catgut  | Chromic catgut            |
|---------------------------------|---------------|---------------------------|
| Treatment <sup>2</sup>          | Untreated     | Tanned with chromic salts |
| Strength retention <sup>1</sup> | 7 to 10 days  | 14 to 21 days             |
| Total absorption                | 60 to 70 days | 90 to 120 days            |

## Usage

Recommended for Soft Tissue Approximation Including Skin, Subcutaneous, Rectus Sheath, Bladder Flap and Uterine Closure

### References:

1. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. SurgClin North Am. 2009;89(3):627-41.
2. Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure. Indian J Dermatol Venereol Leprol. 2009;75(4):425-34.

# TRUGUT-Chromic

Sterilized Surgical Catgut Suture

| Needle Length<br>(mm)                                                                                                           | Suture<br>Length (cm) | 5-0      | 4-0      | 3-0      | 2-0       | 0 / 1-0   |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------|----------|-----------|-----------|
| <b>12</b> <br>3/8 Circle Reverse<br>Cutting    | 76                    | 4H76CX12 |          |          |           |           |
| <b>12</b> <br>1/2 Circle Reverse<br>Cutting    | 76                    |          |          | 4F76DX12 |           |           |
| <b>16</b> <br>3/8 Circle Cutting               | 76                    |          | 4G76CY16 | 4F76CY16 |           |           |
| <b>16</b> <br>3/8 Circle Round<br>Body         | 76                    | 4H76CZ16 | 4G76CZ16 |          |           |           |
| <b>20</b> <br>1/2 Circle Round<br>Body        | 76                    |          |          | 4F76DZ20 |           |           |
| <b>22</b> <br>3/8 Circle Cutting             | 76                    |          |          | 4F76CY22 |           |           |
| <b>26</b> <br>1/2 Circle Round Body          | 76                    |          |          |          | 4E76DZ26  | 4D76DZ26  |
| <b>30</b> <br>1/2 Circle Cutting<br>Heavy    | 76                    |          |          |          | 4E76DY30H |           |
| <b>30</b> <br>1/2 Circle Round<br>Body       | 76                    |          |          |          | 4E76DZ30  | 4D76DZ30  |
|                                                                                                                                 | 152                   |          |          |          |           | 4D152DZ30 |
| <b>30</b> <br>1/2 Circle Round<br>Body Heavy | 76                    |          |          |          |           | 4D76DZ30H |
| <b>30</b> <br>3/8 Circle Round<br>Body       | 76                    |          |          |          | 4E76CZ30  | 4D76CZ30  |
| <b>32</b> <br>3/8 Circle Round<br>Body       | 76                    |          |          |          | 4E76CZ32  | 4D76CZ32  |

# TRUGUT-Chromic

Sterilized Surgical Catgut Suture

| Needle Length<br>(mm)                                                                                                                                                | Suture<br>Length (cm) | 2-0                        | 0 / 1-0    | 1          | 2          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------|------------|------------|------------|
| <b>35</b> <br>5/8 Circle Round<br>Body                                              | 76                    |                            | 4D76EZ35   |            |            |
| <b>36</b> <br>1/2 Circle Round Body<br>& 1/2 Circle Reverse<br>Cutting Double Armed | 152                   | 4E152DZ36 &<br>4E152DX36DA |            |            |            |
| <b>38</b> <br>1/2 Circle Round<br>Body                                              | 76                    | 4E76DZ38                   | 4D76DZ38   |            |            |
| <b>40</b> <br>1/2 Circle Reverse<br>Cutting                                         | 100                   |                            |            |            | 4B100DX40  |
| <b>40</b> <br>1/2 Circle Round<br>Body                                             | 76                    | 4E76DZ40                   | 4D76DZ40   |            |            |
|                                                                                                                                                                      | 90                    |                            | 4D90DZ40   |            |            |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy                                      | 76                    |                            | 4D76DZ40H  | 4C76DZ40H  |            |
|                                                                                                                                                                      | 152                   |                            |            | 4C152DZ40H |            |
| <b>40</b> <br>1/2 Circle Round Body<br>Micro Point Heavy                          | 80                    |                            | 4D80DZ40H  | 4C80DZ40H  |            |
| <b>40</b> <br>1/2 Circle Taper<br>Cutting Heavy                                   | 76                    |                            |            | 4C76DK40H  |            |
|                                                                                                                                                                      | 100                   |                            | 4D100DK40H | 4C100DK40H |            |
| <b>40</b> <br>1/2 Circle<br>Taper Point Heavy                                     | 76                    |                            |            | 4C76DZ40H  |            |
|                                                                                                                                                                      | 100                   |                            |            | 4C100DZ40H | 4B100DZ40H |
| <b>40</b> <br>3/8 Circle Round Body                                               | 76                    | 4E76CZ40                   | 4D76CZ40   |            |            |
| <b>40</b> <br>Straight Round Body                                                 | 76                    | 4E76AZ40                   |            |            |            |

# TRUGUT-Chromic

Sterilized Surgical Catgut Suture

| Needle Length<br>(mm)                                                                                                                                                | Suture<br>Length (cm) | 3-0 | 2-0      | 0 / 1-0                    | 1                          | 2         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|----------|----------------------------|----------------------------|-----------|
| <b>45</b> <br>1/2 Circle Round Body<br>& 1/2 Circle Reverse<br>Cutting Double Armed | 152                   |     |          | 4D152DZ45 &<br>4D152DX45DA | 4C152DZ45 &<br>4C152DX45DA |           |
| <b>45</b> <br>1/2 Circle Round Body                                                 | 76                    |     | 4E76DZ45 | 4D76DZ45                   |                            |           |
| <b>45</b> <br>1/2 Circle Round<br>Body MAYO                                         | 76                    |     |          |                            |                            | 4B76DZ45  |
|                                                                                                                                                                      | 100                   |     |          | 4D100DZ45                  | 4C100DZ45                  | 4B100DZ45 |
|                                                                                                                                                                      | 110                   |     |          | 4D110DZ45                  |                            |           |
|                                                                                                                                                                      | 152                   |     |          |                            |                            | 4B152DZ45 |
| <b>45</b> <br>3/8 Circle Round Body<br>Double Armed                               | 76                    |     |          |                            | 4C76CZ45DA                 |           |
| <b>45</b> <br>3/8 Circle Round<br>Body                                            | 76                    |     |          | 4D76CZ45                   | 4C76CZ45                   |           |
|                                                                                                                                                                      | 110                   |     |          |                            | 4C110CZ45                  |           |
| <b>45</b> <br>Straight Round Body                                                 | 76                    |     | 4E76AZ45 | 4D76AZ45                   |                            |           |
| <b>50</b> <br>1/2 Circle Reverse<br>Cutting                                       | 76                    |     |          |                            | 4C76DX50                   |           |
| <b>50</b> <br>1/2 Circle Round<br>Body Heavy                                      | 100                   |     |          |                            | 4C100DZ50H                 |           |
| <b>50</b> <br>Straight Round Body                                                 | 76                    |     | 4E76AZ50 |                            |                            |           |

# TRUGUT-Chromic

Sterilized Surgical Catgut Suture

| Needle Length<br>(mm)                                                                                                         | Suture<br>Length (cm) | 3-0 | 2-0      | 0 / 1-0  | 1         | 2         |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|----------|----------|-----------|-----------|
| <b>60</b> <br>3/8 Circle Cutting             | 76                    |     |          |          | 4C76CY60  |           |
| <b>60</b> <br>Straight Round Body            | 76                    |     |          | 4D76AZ60 |           |           |
| <b>63</b> <br>3/8 Circle Round<br>Body Blunt | 76                    |     |          |          | 4C76CZ63R |           |
| <b>65</b> <br>1/2 Circle Round Body          | 100                   |     |          |          |           | 4B100DZ65 |
| <b>65</b> <br>3/8 Circle Round Body         | 76                    |     | 4E76CZ65 | 4D76CZ65 |           |           |

## Without Needle

| Needle curvature/Profile | Suture<br>Length (cm) | 4-0 | 3-0   | 2-0   | 0 / 1-0 | 1      | 2     | 3     |
|--------------------------|-----------------------|-----|-------|-------|---------|--------|-------|-------|
| Without Needle           | 152                   |     | 4F152 | 4E152 | 4D152   | 4C152  | 4B152 | 4A152 |
| Without Needle           | 2 X 76                |     |       |       |         | 4C2*76 |       |       |

# TRUGUT-Plain

Sterilized Surgical Catgut Suture

| Needle Length<br>(mm)                                                                                                               | Suture<br>Length (cm) | 5-0      | 4-0      | 3-0      | 2-0         | 0 / 1-0 |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------|----------|-------------|---------|
| <b>12</b> <br>3/8 Circle Reverse Cutting           | 76                    | 7H76CX12 |          |          |             |         |
| <b>16</b> <br>3/8 Circle Cutting                   | 76                    |          | 7G76CY16 | 7F76CY16 |             |         |
| <b>22</b> <br>3/8 Circle Cutting                   | 76                    |          |          | 7F76CY22 |             |         |
| <b>25</b> <br>1/2 Circle Round Body                | 76                    |          |          | 7F76DZ25 |             |         |
| <b>26</b> <br>3/8 Circle Cutting                   | 76                    |          |          | 7F76CY26 |             |         |
| <b>30</b> <br>3/8 Circle Round Body               | 76                    |          |          |          | 7E76CZ30    |         |
| <b>30</b> <br>1/2 Circle Cutting<br>Double Armed | 152                   |          |          |          | 7E152DY30DA |         |
| <b>50</b> <br>Straight Round Body                | 76                    |          |          | 7F76AZ50 |             |         |
| <b>60</b> <br>Straight Cutting                   | 76                    |          |          | 7F76AY60 |             |         |

## Without Needle

| Needle curvature/Profile | Suture<br>Length (cm) | 4-0 | 3-0    | 2-0   | 0 / 1-0 | 1     | 2     | 3 |
|--------------------------|-----------------------|-----|--------|-------|---------|-------|-------|---|
| Without Needle           | 152                   |     | 7F152  | 7E152 | 7D152   | 7C152 | 7B152 |   |
| Without Needle           | 2 X 76                |     | 7F2*76 |       |         |       |       |   |

# TRULOOP

Pre-Knotted Loop Ligature



## Features & Benefits

- Quick & Accurate - Saves Time
- Minimizes the Chances of Infection
- Safe, Efficient & Reliable
- Disposable & Convenient to Use

| CODE No. | DESCRIPTION                              | NO OF UNITS/BOX |
|----------|------------------------------------------|-----------------|
| TL 2215  | Pre-Knotted Loop Ligature Size 1, 50 cms | 6               |

## Usage

For Sturdy Intracorporeal Knotting/Ligation

# TRULON

Monofilament Polyamide



## Features & Benefits

- ✓ Synthetic, nonabsorbable, monofilament suture made of a chemically inert polyamide<sup>1</sup>
- ✓ Low tissue reactivity<sup>1</sup>
- ✓ Most commonly used suture in cutaneous operations<sup>1</sup>
- ✓ High tensile strength<sup>1</sup>
- ✓ Excellent elasticity
- ✓ Smooth and non-fraying

## Usage

Recommended for Cuticular, Subcuticular and Rectus Sheath Closure

References:

1. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. Surg Clin North Am. 2009;89(3):627-41.

# TRULON

Monofilament Polyamide

| Needle Length<br>(mm)                                         | Suture<br>Length (cm) | 10-0      | 7-0      | 6-0      | 5-0      | 4-0       | 3-0       |
|---------------------------------------------------------------|-----------------------|-----------|----------|----------|----------|-----------|-----------|
| <b>6</b><br>3/8 Circle Micro Point<br>Spatulated Double Armed | 38                    | 3M38CS6DA |          |          |          |           |           |
| <b>8</b><br>3/8 circle, Spatula<br>Premium                    | 75                    |           | 3J75CS8P |          |          |           |           |
| <b>10</b><br>3/8 Circle Cutting                               | 38                    |           |          |          |          | 3G38CY10  |           |
| <b>12</b><br>3/8 Circle Reverse Cutting                       | 70                    |           |          |          | 3H70CX12 |           |           |
| <b>16</b><br>3/8 Circle Cutting                               | 35                    |           |          |          | 3H35CY16 | 3G35CY16  |           |
|                                                               | 70                    |           |          |          |          | 3G70CY16  | 3F70CY16  |
| <b>16</b><br>3/8 Circle Cutting<br>TruPrime                   | 90                    |           |          |          |          | 3G90CY16P |           |
| <b>16</b><br>3/8 Circle Reverse<br>Cutting                    | 70                    |           |          |          |          | 3G70CX16  |           |
| <b>22</b><br>3/8 Circle Taper Cutting                         | 75                    |           |          |          | 3H75CK22 |           |           |
| <b>26</b><br>3/8 Circle Cutting                               | 70                    |           |          | 3I70CY26 |          |           |           |
| <b>26</b><br>1/2 Circle Taper Cutting                         | 75                    |           |          |          |          |           | 3F75DK26  |
| <b>26</b><br>3/8 Circle Reverse<br>Cutting                    | 35                    |           |          |          |          |           | 3F35CX26  |
|                                                               | 70                    |           |          |          |          |           | 3F70CX26  |
|                                                               | 76                    |           |          |          |          |           | 3F76CX26  |
|                                                               | 110                   |           |          |          |          |           | 3F110CX26 |

# TRULON

Monofilament Polyamide

| Needle Length<br>(mm)                                                                                                                | Suture<br>Length (cm) | 3-0      | 2-0       | 0 / 1-0    | 1           | 2        |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|-----------|------------|-------------|----------|
| <b>30</b> <br>1/2 Circle Taper<br>Cutting           | 75                    |          | 3E75DK30  |            |             |          |
| <b>37</b> <br>1/2 Circle Taper<br>Cutting           | 75                    |          |           |            | 3C75DK37    |          |
| <b>38</b> <br>1/2 Circle Reverse<br>Cutting         | 75                    |          | 3E75DX38  | 3D75DX38   | 3C75DX38    | 3B75DX38 |
| <b>40</b> <br>1/2 Circle Round<br>Body-Loop         | 150                   |          |           | 3D150DZ40L |             |          |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy        | 100                   |          |           | 3D100DZ40H | 3C100DZ40H  |          |
| <b>45</b> <br>1/2 Circle Reverse<br>Cutting Heavy | 45                    |          |           |            | 3C45DX45H   |          |
|                                                                                                                                      | 100                   |          |           |            | 3C100DX45H  |          |
| <b>45</b> <br>3/8 Circle Reverse<br>Cutting       | 35                    |          | 3E35CX45  |            |             |          |
|                                                                                                                                      | 70                    |          | 3E70CX45  | 3D70CX45   |             |          |
|                                                                                                                                      | 76                    |          | 3E76CX45  |            |             |          |
|                                                                                                                                      | 110                   |          | 3E110CX45 |            |             |          |
| <b>50</b> <br>1/2 Circle Round<br>Body Heavy-Loop | 150                   |          |           |            | 3C150DZ50HL |          |
| <b>60</b> <br>Straight Cutting                    | 70                    | 3F70AY60 | 3E70AY60  | 3D70AY60   |             |          |

## Without Needle

| Needle curvature/Profile | Suture<br>Length (cm) | 3-0 | 2-0    | 0 / 1-0 | 1      | 2      |
|--------------------------|-----------------------|-----|--------|---------|--------|--------|
| Without Needle           | 2 X 76                |     | 2E2*76 | 2D2*76  | 2C2*76 | 2B2*76 |

# TRULENE

Monofilament Polypropylene



## Features & Benefits

- ✓ Low tissue reactivity and high tensile strength<sup>1</sup>
- ✓ High plasticity allows better accommodation of wound edema<sup>1</sup>
- ✓ Easy to remove- ideal for a running, subcuticular closure<sup>1</sup>
- ✓ Does not adhere to tissues- can be used as an intradermal suture<sup>2</sup>
- ✓ Easy visibility
- ✓ Easy retrieval pack

## Usage

Recommended for Skin and Cervical Cerclage

References:

1. Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure. Surg Clin North Am. 2009;89(3):627-41.
2. Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure. Indian J Dermatol Venereol Leprol. 2009;75(4):425-34.

# TRULENE

Monofilament Polypropylene

| Needle Length<br>(mm)                              | Suture<br>Length (cm) | 7-0     | 6-0        | 5-0        | 4-0        | 2-0 |
|----------------------------------------------------|-----------------------|---------|------------|------------|------------|-----|
| <b>8</b><br>3/8 Circle Spatula<br>Premium          | 75                    | 8J75CS8 |            |            |            |     |
| <b>12</b><br>3/8 Circle Reverse<br>Cutting         | 45                    |         | 8I45CX12   |            | 8G45CX12   |     |
|                                                    | 70                    |         | 8I70CX12   | 8H70CX12   |            |     |
|                                                    | 90                    |         |            | 8H90CX12   |            |     |
| <b>13</b><br>3/8 Circle Round Body<br>Double Armed | 70                    |         | 8I70CZ13DA |            |            |     |
| <b>13</b><br>3/8 Circle Reverse<br>Cutting         | 75                    |         |            | 8H75DK13   |            |     |
| <b>15</b><br>3/8 Circle Slim<br>Blade Cutting      | 70                    |         | 8I70CP15   | 8H70CP15   |            |     |
| <b>16</b><br>1/2 Circle Round Body                 | 70                    |         |            |            | 8G70DZ16   |     |
| <b>16</b><br>3/8 circle Cutting<br>Truprime        | 70                    |         |            |            | 8G70CY16P  |     |
| <b>16</b><br>3/8 Circle Round Body                 | 70                    |         |            | 8H70CZ16   |            |     |
| <b>16</b><br>3/8 Circle Round Body<br>Double Armed | 70                    |         |            | 8H70CZ16DA |            |     |
| <b>17</b><br>1/2 Circle Round Body<br>Double Armed | 75                    |         |            |            | 8G75DZ17DA |     |
| <b>17</b><br>1/2 Circle Taper Cutting              | 75                    |         |            |            | 8G75DK17   |     |
| <b>17</b><br>1/2 Circle Taper Cutting              | 90                    |         |            |            | 8G90DK17   |     |

# TRULENE

Monofilament Polypropylene

| Needle Length<br>(mm)                                                                                                                     | Suture<br>Length (cm) | 4-0        | 3-0        | 2-0        | 0 / 1-0    | 1          |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------|------------|------------|------------|------------|
| <b>17</b> <br>1/2 Circle Taper Cutting<br>Double Armed   | 70                    |            |            | 8G70DK17DA |            | 8E70DK17DA |
|                                                                                                                                           | 90                    |            |            | 8G90DK17DA |            |            |
| <b>20</b> <br>1/2 Circle Round Body                      | 70                    |            |            |            | 8F70DZ20   |            |
| <b>22</b> <br>3/8 Circle Cutting                         | 70                    |            |            |            | 8F70CY22   |            |
| <b>25</b> <br>1/2 Circle Taper Cutting                   | 75                    |            | 8F75DK25   |            |            |            |
| <b>25</b> <br>1/2 Circle Round Body                    | 70                    |            | 8F70DZ25   |            |            |            |
|                                                                                                                                           | 75                    |            |            | 8E75DZ25   |            |            |
|                                                                                                                                           | 90                    |            | 8F90DZ25   |            |            |            |
| <b>25</b> <br>1/2 Circle Round Body<br>Double Armed    | 70                    |            | 8F70DZ25DA |            |            |            |
|                                                                                                                                           | 75                    |            |            | 8E75DZ25DA |            |            |
| <b>25</b> <br>1/2 Circle Taper<br>Cutting              | 70                    |            |            | 8E70DK25   | 8D70DK25   |            |
|                                                                                                                                           | 90                    |            |            | 8E90DK25   |            |            |
| <b>25</b> <br>1/2 Circle Taper Cutting<br>Double Armed | 90                    | 8G90DK25DA |            |            |            |            |
| <b>26</b> <br>1/2 Circle Round Body<br>Double Armed    | 90                    |            |            |            | 8D90DZ26DA |            |
| <b>30</b> <br>1/2 Circle Round Body                    | 70                    |            |            | 8E70DZ30   | 8D70DZ30   |            |
|                                                                                                                                           | 90                    |            |            | 8E90DZ30   | 8D90DZ30   |            |

# TRULENE

Monofilament Polypropylene

| Needle Length<br>(mm)                                                                                                                | Suture<br>Length (cm) | 4-0 | 3-0      | 2-0 | 0 / 1-0   | 1          |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|----------|-----|-----------|------------|
| <b>30</b> <br>1/2 Circle Round<br>Body Heavy        | 70                    |     |          |     | 8D70DZ30H | 8C70DZ30H  |
|                                                                                                                                      | 100                   |     |          |     |           | 8C100DZ30H |
| <b>30</b> <br>1/2 Circle Taper<br>Cutting Heavy     | 90                    |     |          |     | 8D90DK30H |            |
|                                                                                                                                      | 100                   |     |          |     |           | 8C100DK30H |
| <b>30</b> <br>1/2 Circle Round Body                 | 75                    |     |          |     | 8D75DZ30  |            |
| <b>40</b> <br>1/2 Reverse Cutting<br>Heavy          | 45                    |     |          |     |           | 8C45DX40H  |
| <b>40</b> <br>1/2 Circle Round<br>Body Heavy      | 35                    |     |          |     |           | 8C35DZ40H  |
|                                                                                                                                      | 70                    |     |          |     |           | 8C70DZ40H  |
| <b>45</b> <br>1/2 Circle Reverse<br>Cutting Heavy | 100                   |     |          |     |           | 8C100DX45H |
| <b>60</b> <br>Straight Cutting                    | 70                    |     | 8F70AY60 |     |           |            |

# TRULENE CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
MONOFILAMENT POLYPROPYLENE

| Atraumatic Needle<br>(mm)                                                                                                                                         | Suture<br>Length (cm) | 8-0                    | 7-0                    | 6-0       | 5-0           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|------------------------|-----------|---------------|
| <b>6</b> <br>3/8 Circle Taper Point<br>Double Armed                              | 60                    | 8K60CZ6DA              | 8J60CZ6DA              |           |               |
| <b>6.5</b> <br>3/8 Circle Taper Point<br>Double Armed                            | 60                    | 8K60CZ6.5DA            | 8J60CZ6.5DA            |           |               |
| <b>7.6</b> <br>3/8 Circle Taper Point<br>Double Armed                            | 60                    |                        | 8J60CZ7.6DA            |           |               |
| <b>8</b> <br>3/8 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b>   | 60                    | 8K60CZ8DA<br>Antiglare | 8J60CZ8<br>Antiglare   |           |               |
| <b>8</b> <br>3/8 Circle Taper Point<br>Double Armed                            | 60                    | 8K60CZ8DA              | 8J60CZ8DA              |           |               |
|                                                                                                                                                                   | 75                    | 8K75CZ8DA              |                        |           |               |
| <b>9</b> <br>3/8 Circle Taper Point<br>Double Armed                            | 45                    |                        |                        | 8I45CZ9DA |               |
|                                                                                                                                                                   | 60                    | 8K60CZ9DA              | 8J60CZ9DA              | 8I60CZ9DA |               |
| <b>9</b> <br>3/8 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b> | 60                    | 8K60CZ9DA<br>Antiglare | 8J60CZ9DA<br>Antiglare |           |               |
| <b>9.3</b> <br><b>YCC Needle</b><br>3/8 Circle Square Body<br>Double Armed     | 60                    |                        |                        |           | 8H60CYCC9.3DA |

# TRULENE CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
MONOFILAMENT POLYPROPYLENE

| Atraumatic Needle<br>(mm)                                                                                                                                                              | Suture<br>Length (cm) | 8-0         | 7-0                        | 6-0                        | 5-0                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|----------------------------|----------------------------|----------------------------|
| <b>9.3</b> <br>3/8 Circle Round<br>Body CC Needle<br>Double Armed                                     | 60                    | 8K60CZ9.3DA | 8J60CZ9.3DA                |                            |                            |
| <b>9.3</b> <br>3/8 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b>                      | 45                    |             |                            | 8I45CZ9.3DA<br>Antiglare   |                            |
| <b>9.3</b> <br><b>YCC Needle</b><br>3/8 Circle Square Body<br>Double Armed<br><b>Antiglare Needle</b> | 60                    |             | 8J60CYCC9.3DA<br>Antiglare |                            | 8H60CYCC9.3DA<br>Antiglare |
|                                                                                                                                                                                        | 75                    |             |                            | 8I75CYCC9.3DA<br>Antiglare |                            |
| <b>9.7</b> <br>3/8 Circle Taper Point<br>Double Armed                                               | 60                    |             | 8J60CZ9.7DA                |                            |                            |
|                                                                                                                                                                                        | 75                    |             | 8J75CZ9.7DA                |                            |                            |
| <b>10</b> <br>1/2 Circle Taper Point<br>Double Armed                                                | 60                    |             |                            |                            | 8H60DZ10DA                 |
|                                                                                                                                                                                        | 70                    |             |                            |                            | 8H70DZ10DA                 |
| <b>10</b> <br>1/2 Circle Taper Point<br>Double Armed<br>(Pledget<br>3mm X 3mm X 1.5mm)              | 60                    |             |                            | 8I60DZ10DAPL               | 8I60DZ10DAPL               |
| <b>10</b> <br>3/8 Circle Taper Point<br>Double Armed                                                | 60                    |             | 8J60CZ10DA                 |                            |                            |
|                                                                                                                                                                                        | 75                    |             |                            | 8I75CZ10DA                 |                            |
| <b>11</b> <br><b>YCC Needle</b><br>3/8 Circle Square Body<br>Double Armed                           | 60                    |             |                            | 8I60CYCC11DA               | 8H60CYCC11DA               |

# TRULENE CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
MONOFILAMENT POLYPROPYLENE

| Atraumatic Needle<br>(mm)                                                                                                                                                | Suture<br>Length (cm) | 6-0                     | 5-0                     | 4-0          | 3-0 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-------------------------|--------------|-----|
| <b>12.3</b> <br>3/8 Circle Taper Point<br>Double Armed                                  | 90                    | 8I90CZ12.3DA            |                         |              |     |
| <b>13</b> <br>1/2 Circle Round<br>Body Double Armed                                     | 75                    |                         |                         | 8G75DZ13DA   |     |
| <b>13</b> <br>1/2 Circle Taper Point<br>Double Armed                                    | 60                    |                         |                         | 8G60DZ13DA   |     |
|                                                                                                                                                                          | 90                    | 8I90DZ13DA              |                         |              |     |
| <b>13</b> <br>1/2 Circle Taper Point<br>Double Armed<br>(Pledget<br>3mm X 3mm X 1.5mm) | 60                    |                         |                         | 8G60DZ13DAPL |     |
|                                                                                                                                                                          | 75                    |                         | 8H75DZ13DAPL            |              |     |
| <b>13</b> <br>1/2 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b>       | 75                    |                         | 8H75DZ13DA<br>Antiglare |              |     |
| <b>13</b> <br>3/8 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b>       | 60                    | 8I60CZ13DA<br>Antiglare |                         |              |     |
|                                                                                                                                                                          | 75                    | 8I75CZ13DA<br>Antiglare |                         |              |     |
| <b>13</b> <br>3/8 Circle Taper Point<br>Double Armed                                  | 75                    | 8I75CZ13DA              |                         |              |     |
| <b>16</b> <br>1/2 Circle Taper Point<br>Double Armed                                  | 90                    |                         |                         | 8G90DZ16DA   |     |

# TRULENE CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
MONOFILAMENT POLYPROPYLENE

| Atraumatic Needle<br>(mm)                                                                                                                                                    | Suture<br>Length (cm) | 5-0                     | 4-0                     | 3-0          | 2-0          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-------------------------|--------------|--------------|
| <b>16</b> <br>1/2 Circle Taper Point<br>Double Armed<br>(Pledget<br>3mm X 3mm X 1.5mm)      | 90                    | 8H90DZ16DA              |                         |              |              |
| <b>16</b> <br>1/2 Circle Taper Point<br>Double Armed<br><b>Antiglare Needle</b>             | 90                    | 8H90DZ16DA<br>Antiglare | 8G90DZ16DA<br>Antiglare |              |              |
| <b>17.5</b> <br>1/2 Circle Taper Cutting<br>Double Armed                                    | 90                    |                         | 8G90DK17.5DA            | 8F90DK17.5DA | 8E90DK17.5DA |
| <b>17.5</b> <br>1/2 Circle Taper Cutting<br>Double Armed<br>(Pledget<br>3mm X 3mm X 1.5mm) | 90                    |                         | 8G90DK17.5DAPL          |              |              |
| <b>17.5</b> <br>1/2 Circle Taper Cutting                                                  | 60                    |                         |                         | 8F60DK17.5   |              |
|                                                                                                                                                                              | 90                    |                         |                         | 8F90DK17.5   |              |
| <b>26</b> <br>1/2 Circle Taper Cutting<br>Double Armed                                    | 90                    |                         |                         | 8F90DK26DA   | 8E90DK26DA   |
|                                                                                                                                                                              | 150                   |                         |                         |              | 8E150DK26DA  |
| <b>26</b> <br>1/2 Circle Taper Point<br>Double Armed                                      | 60                    |                         |                         | 8F60DZ26DA   |              |
|                                                                                                                                                                              | 90                    |                         | 8G90DZ26DA              | 8F90DZ26DA   |              |
| 1/2 Circle Taper Point<br>(Single Needle)                                                                                                                                    | 75                    |                         |                         | 8F75DZ26     |              |
| <b>26</b> <br><b>YCC Needle</b><br>1/2 Circle Square Body<br>Double Armed                 | 90                    |                         | 8G90DYCC26DA            |              |              |
| <b>30</b> <br>1/2 Circle Taper Point<br>Double Armed                                      | 90                    |                         |                         |              | 8E90DZ30DA   |

# TRUSILK

Black Braided Silk



## Features & Benefits

- ✓ Natural, braided fibers of silk<sup>1</sup>
- ✓ Excellent handling<sup>2</sup>
- ✓ High knot security<sup>3</sup>
- ✓ Commonly used on mucosal and intertriginous areas as it is soft and pliable<sup>2</sup>
- ✓ Temporary suture to elevate/ retract tissues to improve visibility during surgery<sup>1</sup>

## Usage

Recommended for Cervical Cerclage, Skin Closure and Ligation of Vessels

### References:

- 1.Terhune M. Materials for wound closure. 2012. Available at <http://emedicine.medscape.com/article/1127693-overview> Accessed on: September 16, 2014.
- 2.Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure. Indian J DermatolVenereolLeprol. 2009;75(4):425-34.
- 3.Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure.SurgClin North Am. 2009;89(3):627-41.

# TRUSILK

Black Braided Silk

| Needle Length<br>(mm)                                                                                                       | Suture<br>Length (cm) | 6-0      | 5-0      | 4-0      | 3-0      | 2-0      | 0 /1-0   |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------|----------|----------|----------|----------|
| <b>12</b> <br>3/8 Circle Reverse Cutting   | 76                    |          | 5H76CX12 |          |          |          |          |
| <b>13</b> <br>3/8 Circle Round Body        | 76                    | 5I76CZ13 |          |          |          |          |          |
| <b>16</b> <br>1/2 Circle Round Body        | 76                    |          |          | 5G76DZ16 |          |          |          |
| <b>16</b> <br>3/8 Circle Cutting           | 76                    |          |          | 5G76CY16 | 5F76CY16 |          |          |
|                                                                                                                             | 90                    |          |          | 5G90CY16 | 5F90CY16 |          |          |
| <b>16</b> <br>3/8 Circle Round Body        | 76                    |          | 5H76CZ16 | 5G76CZ16 |          |          |          |
| <b>17</b> <br>1/2 Circle Taper Cutting     | 76                    |          | 5H76DK17 |          |          | 5E76DK17 |          |
| <b>20</b> <br>1/2 Circle Round Body      | 76                    |          |          | 5G76DZ20 | 5F76DZ20 |          |          |
| <b>20</b> <br>3/8 Circle Round Body      | 76                    |          | 5H76CZ20 |          |          |          |          |
| <b>20</b> <br>Straight Round Body        | 76                    |          | 5H76AZ20 |          |          |          |          |
| <b>25</b> <br>1/2 Circle Round Body      | 76                    |          |          |          | 5F76DZ25 |          |          |
|                                                                                                                             | 90                    |          |          |          | 5F90DZ25 |          |          |
| <b>25</b> <br>1/2 Circle Round Body      | 75                    |          |          |          |          | 5E75DZ25 |          |
| <b>25</b> <br>1/2 Circle Taper Cutting   | 76                    |          |          |          |          | 5E76DK25 |          |
| <b>25</b> <br>3/8 Circle Round Body      | 75                    |          |          |          |          |          | 5D75CZ25 |
| <b>26</b> <br>1/2 Circle Round Body      | 76                    |          |          |          |          | 5E76DZ26 |          |
| <b>26</b> <br>3/8 Circle Reverse Cutting | 35                    |          |          |          | 5F35CX26 |          |          |
|                                                                                                                             | 76                    |          |          |          | 5F76CX26 |          |          |

# TRUSILK

Black Braided Silk

| Needle Length<br>(mm)                                                                                                        | Suture Length<br>(cm) | 3-0      | 2-0      | 0 / 1-0  | 1         | 2        | 4        |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|----------|----------|-----------|----------|----------|
| <b>30</b> <br>1/2 Circle Round Body         | 75                    |          | 5E75     |          | 5C75DZ30  |          |          |
| <b>30</b> <br>1/2 Circle Round Body         | 76                    | 5F76DZ30 | 5E76DZ30 | 5D76DZ30 |           |          |          |
|                                                                                                                              | 90                    |          | 5E90DZ30 | 5D90DZ30 |           |          |          |
| <b>30</b> <br>1/2 Circle Taper Cutting      | 110                   |          |          |          | 5C110DK30 |          |          |
| <b>30</b> <br>3/8 Circle Round Body         | 76                    |          |          | 5D76CZ30 |           |          |          |
| <b>35</b> <br>1/2 Circle Round Body         | 76                    | 5F76DZ35 |          |          |           |          | 5N76DZ35 |
| <b>35</b> <br>1/2 Circle Taper Cutting     | 45                    |          |          |          |           |          | 5N45DK35 |
| <b>38</b> <br>1/2 Circle Reverse Cutting  | 75                    |          | 5E75DX38 | 5D75DX38 | 5C75DX38  | 5B75DX38 |          |
| <b>40</b> <br>1/2 Circle Round Body Heavy | 76                    |          |          |          | 5C76DZ40H |          |          |
| <b>45</b> <br>3/8 Circle Reverse Cutting  | 35                    |          | 5E35CX45 | 5D35CX45 |           |          |          |
|                                                                                                                              | 76                    |          | 5E76CX45 | 5D76CX45 |           |          |          |
| <b>50</b> <br>1/2 Circle Reverse Cutting  | 76                    |          | 5E76DX50 |          |           |          |          |
| <b>60</b> <br>3/8 Circle Cutting          | 76                    |          |          |          | 5C76CY60  |          |          |
| <b>60</b> <br>Straight Cutting            | 76                    |          | 5E76AY60 |          |           |          |          |

## Without Needle

| Needle curvature/Profile | Suture Length (cm) | 4-0    | 3-0    | 2-0    | 0 / 1-0 | 1      | 2      | 3      |
|--------------------------|--------------------|--------|--------|--------|---------|--------|--------|--------|
| Without Needle           | 2 X 76             | 5G2*75 | 5F2*75 | 5E2*75 | 5D2*75  | 5C2*75 | 5B2*75 | 5A2*75 |
| Without Needle           | 75                 |        |        | 5E75   |         |        |        |        |

# TRUBOND

Non Absorbable Coated Polyester



## Features & Benefits

- ✓ Synthetic, non absorbable, coated, braided suture<sup>1</sup>
- ✓ High Tensile strength for reliability<sup>1</sup>
- ✓ Braided form gives a more secure knot<sup>1</sup>
- ✓ Low tissue reactivity- undergoes no significant change in the body<sup>1</sup>
- ✓ Silicone coated for smooth knot slide
- ✓ Good handling and long lasting<sup>2</sup>
- ✓ Available in green and white

## Usage

Recommended for Mesh Fixation

### References:

1.Hochberg J, Meyer KM, Marion MD. Suture choice and other methods of skin closure.SurgClin North Am. 2009;89(3):627-41.

2.Kudur MH, Pai SB, Sripathi H, Prabhu S. Sutures and suturing techniques in skin closure.Indian J DermatolVenereolLeprol. 2009;75(4):425-34.

# TRUBOND

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
COATED POLYESTER

| Needle Length<br>(mm)                                                                                                                     | Suture<br>Length (cm) | 5-0                   | 4-0                   | 3-0                   | 2-0                    |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| <b>12</b> <br>3/8 Circle Round<br>Body Double Armed      | 76                    | 6H76CZ12DA<br>(Green) |                       |                       |                        |
|                                                                                                                                           | 90                    |                       | 6G90CZ12DA<br>(Green) |                       |                        |
| <b>16</b> <br>3/8 Circle Round Body                      | 76                    |                       | 6G76CZ16<br>(Green)   |                       |                        |
| <b>17</b> <br>1/2 Circle Taper Cutting<br>Double Armed   | 76                    |                       | 6G76DK17DA<br>(Green) | 6F76DK17DA<br>(Green) | 6E76DK17DA<br>(Green)  |
|                                                                                                                                           |                       |                       |                       |                       | 17E76DK17DA<br>(White) |
|                                                                                                                                           | 90                    |                       | 6G90DK17DA<br>(Green) | 6F90DK17DA<br>(Green) | 6E90DK17DA<br>(Green)  |
|                                                                                                                                           |                       |                       |                       |                       | 17E90DK17DA<br>(White) |
| <b>20</b> <br>3/8 Circle Round Body<br>Double Armed    | 76                    | 6H76CZ20DA<br>(Green) |                       |                       |                        |
| <b>25</b> <br>1/2 Circle Round<br>Body                 | 76                    |                       |                       | 6F76DZ25<br>(Green)   |                        |
| <b>25</b> <br>1/2 Circle Round Body<br>Double Armed    | 76                    |                       |                       | 6F76DZ25DA<br>(Green) |                        |
|                                                                                                                                           | 90                    |                       |                       | 6F90DZ25DA<br>(Green) |                        |
| <b>25</b> <br>1/2 Circle Taper Cutting<br>Double Armed | 76                    |                       |                       |                       | 6E76DK25DA<br>(Green)  |
|                                                                                                                                           |                       |                       |                       |                       | 17E76DK25DA<br>(White) |
|                                                                                                                                           | 90                    |                       |                       |                       | 6E90DK25DA<br>(Green)  |
|                                                                                                                                           |                       |                       |                       |                       | 17E90DK25DA<br>(White) |
| <b>26</b> <br>1/2 Circle Taper Cutting<br>Double Armed | 75                    |                       |                       |                       | 17E75DK26DA<br>(White) |

# TRUBOND

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
COATED POLYESTER

| Needle Length<br>(mm)                                                                                                             | Suture<br>Length (cm) | 4-0                   | 2-0                 | 1-0                  | 1                    | 2                     | 5                     |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|---------------------|----------------------|----------------------|-----------------------|-----------------------|
| <b>30</b> <br>1/2 Circle Round<br>Body           | 75                    |                       | 6E75DZ30<br>(Green) |                      |                      |                       |                       |
| <b>37</b> <br>1/2 Circle Round<br>Body           | 75                    |                       |                     |                      | 6C75DZ37<br>(Green)  |                       |                       |
| <b>45</b> <br>1/2 Circle Taper<br>Cutting Heavy  | 100                   |                       |                     |                      |                      | 6B100DK45H<br>(Green) |                       |
| <b>50</b> <br>1/2 Circle Reverse<br>Cutting     | 100                   |                       |                     | 6D100DX50<br>(Green) | 6C100DX50<br>(Green) |                       |                       |
| <b>53</b> <br>Straight Cutting<br>Double Armed | 45                    | 6G45AY53DA<br>(Green) |                     |                      |                      |                       |                       |
| <b>55</b> <br>1/2 Circle Tr P<br>Heavy         | 100                   |                       |                     |                      |                      |                       | 6O100DZ55H<br>(Green) |

# TRUBOND CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
COATED POLYESTER

| Atraumatic Needle<br>(mm)                                                                                                                                                         | Suture<br>Length<br>(cm) | Suture Material                          | 5-0              | 4-0                 | 3-0                | 2-0                      | 0                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|------------------|---------------------|--------------------|--------------------------|--------------------------|
| <b>13</b> <br>3/8 Circle Taper Point<br>Double Armed                                             | 75                       | 1 Green Suture<br>Per Foil               | 6H75CZ13DA       | 6G75CZ13DA          |                    |                          |                          |
| <b>13</b> <br>1/2 Circle Taper Point<br>Double Armed                                             | 75                       | 1 Green Suture<br>Per Foil               | 6H75DZ13DA       | 6G75DZ13DA          |                    |                          |                          |
|                                                                                                                                                                                   |                          | 1 White Suture<br>Per Foil               |                  | 17G75DZ13<br>DA     |                    |                          |                          |
| <b>13</b> <br>1/2 Circle Taper Point<br>Double Armed<br>(Pledget 3mm x 3mm<br>x 1.5mm)           | 75                       | 1 Green Suture<br>Per Foil               | 6H75DZ13<br>DAPL | 6G75DZ13<br>DAPL    |                    |                          |                          |
|                                                                                                                                                                                   |                          | 1 White Suture<br>Per Foil               |                  | 17G75DZ13<br>DAPL   |                    |                          |                          |
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed                                    | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |                  |                     |                    | 6,17E10X75<br>DK17.5DA   | 6,17D10X75<br>DK17.5DA   |
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 3mm x 3mm<br>x 1.5mm) | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |                  |                     |                    | 6,17E710X5<br>DK17.5DAPL |                          |
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 6mm x 3mm<br>x 1.5mm) | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |                  |                     |                    |                          | 6,17D10X75<br>DK17.5DAPL |
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed                                   | 90                       | 1 Green Suture<br>Per Foil               |                  | 6G90DK<br>17.5DA    | 6F90DK<br>17.5DA   | 6E90DK<br>17.5DA         | 6D90DK<br>17.5DA         |
|                                                                                                                                                                                   |                          | 1 White Suture<br>Per Foil               |                  | 17G90DK<br>17.5DA   |                    | 17E90DK<br>17.5DA        | 17D90DK<br>17.5DA        |
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 3mm x 3mm<br>x 1.5mm) | 90                       | 1 Green Suture<br>Per Foil               |                  | 6G90DK17.5<br>DAPL  | 6F90DK17.5<br>DAPL | 6E90DK17.5<br>DAPL       |                          |
|                                                                                                                                                                                   |                          | 1 White Suture<br>Per Foil               |                  | 17G90DK17.5<br>DAPL |                    | 17E90DK17.5<br>DAPL      |                          |

# TRUBOND CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
COATED POLYESTER

| Atraumatic Needle<br>(mm)                                                                                                                                                       | Suture<br>Length<br>(cm) | Suture Material                          | 4-0 | 3-0 | 2-0                    | 0                      | 2         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|-----|-----|------------------------|------------------------|-----------|
| <b>17.5</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 6mm x 3mm<br>x 1.5mm) | 90                       | 1 Green Suture<br>Per Foil               |     |     | 6E90DK17.5<br>DAPL     |                        |           |
|                                                                                                                                                                                 |                          | 4 Green Sutures<br>Per Foil              |     |     | 6E4X90DK<br>17.5DAPL   |                        |           |
| <b>22</b> <br>1/2 Circle Taper End<br>Cutting Double Armed                                     | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |     |     | 6,17E10X75<br>DK22DA   |                        |           |
| <b>23</b> <br>1/2 Circle Taper End<br>Cutting Heavy                                            | 90                       | 1 Green Suture<br>Per Foil               |     |     |                        |                        | 6B90DK23H |
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed                                    | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |     |     | 6,17E10X75<br>DK26DA   | 6,17D10X75<br>DK26DA   |           |
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 3mm x 3mm<br>x 1.5mm) | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |     |     | 6,17E10X75<br>DK26DAPL |                        |           |
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 6mm x 3mm<br>x 1.5mm) | 75                       | 5 Green &<br>5 White Sutures<br>Per Foil |     |     |                        | 6,17D10X75<br>DK26DAPL |           |
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed                                   | 90                       | 1 Green Suture<br>Per Foil               |     |     | 6E90DK<br>26DA         | 6D90DK<br>26DA         |           |
|                                                                                                                                                                                 |                          | 1 White Suture<br>Per Foil               |     |     | 17E90DK<br>26DA        | 17D90DK<br>26DA        |           |
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 3mm x 3mm<br>x 1.5mm) | 90                       | 1 Green Suture<br>Per Foil               |     |     | 6E90DK<br>26DAPL       |                        |           |
|                                                                                                                                                                                 |                          | 1 White Suture<br>Per Foil               |     |     | 17E90DK<br>26DAPL      |                        |           |

# TRUBOND CV

NON ABSORBABLE SURGICAL SUTURE U.S.P.  
COATED POLYESTER

| Atraumatic Needle<br>(mm)                                                                                                                                                     | Suture<br>Length<br>(cm) | Suture Material             | 3-0             | 2-0                | 0 | 2               | 5                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------|-----------------|--------------------|---|-----------------|------------------|
| <b>26</b> <br>1/2 Circle Taper End<br>Cutting Double Armed<br>(Pledget 6mm x 3mm<br>x 1.5mm) | 90                       | 4 Green Sutures<br>Per Foil |                 | 6E4X90DK<br>26DAPL |   |                 |                  |
| <b>26</b> <br>1/2 Circle Taper<br>Point Double Armed                                         | 75                       | 1 Green Suture<br>Per Foil  | 6F75DZ<br>26DA  |                    |   |                 |                  |
|                                                                                                                                                                               | 100                      | 1 Green Suture<br>Per Foil  | 6F100DZ<br>26DA |                    |   |                 |                  |
| <b>45</b> <br>1/2 Circle Taper End<br>Cutting Heavy                                          | 75                       | 1 Green Suture<br>Per Foil  |                 |                    |   | 6B75DK<br>45H   |                  |
|                                                                                                                                                                               |                          | 4 Green Sutures<br>Per Foil |                 |                    |   | 6B4X75<br>DK45H |                  |
| <b>55</b> <br>1/2 Circle Taper<br>Cutting Double Armed                                     | 75                       | 1 Green Suture<br>Per Foil  |                 |                    |   |                 | 6O75DK<br>55DA   |
|                                                                                                                                                                               |                          | 4 Green Sutures<br>Per Foil |                 |                    |   |                 | 6O4X75DK<br>55DA |

# TRUSTEEL CV

Monofilament Steel Suture



## Features & Benefits

- ✓ Premium quality SS316LVM steel
- ✓ Causes minimal tissue reaction<sup>1</sup>
- ✓ Used for abdominal and sternal wound closure and for orthopedic procedures<sup>1</sup>
- ✓ As retention sutures for obese patients to support deep tissues<sup>1</sup>

## Usage

Recommended for Sternum Closure

Also  
Available

## TRUWAX

Sterile Bone Wax

- Soft, easy to form and apply
- Biochemically inert
- Minimally absorbable
- Radiation sterilized
- For open heart and thoracic surgery
- For orthopaedic surgery



Reference :

1. Ramsey C, Koch F. The role of sutures in wound healing. 2001. Available at <http://www.infectioncontrolday.com/articles/2001/09/the-role-of-sutures-in-wound-healing.aspx>  
Accessed on September 16, 2014.

# TRUSTEEL CV

Monofilament Steel Suture

| Atraumatic Needle (mm)                                                                                                             | Suture Length (cm) | 1         | 2         | 4         | 5         | 6         | 7         |
|------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>40</b> <br>1/2 Circle Blunt Point Round Body   | 45                 | 13C45DR40 | 13B45DR40 | 13N45DR40 |           |           |           |
| <b>40</b> <br>1/2 Circle Taper Cutting            | 45                 | 13C45DK40 | 13B45DK40 |           |           |           |           |
| <b>44</b> <br>1/2 Circle Blunt Point Round Body   | 45                 |           |           |           | 13O45DR44 | 13P45DR44 |           |
| <b>48</b> <br>1/2 Circle Conventional Cutting     | 45                 |           |           | 13N45DY48 | 13O45DY48 | 13P45DY48 | 13Q45DY48 |
|                                                                                                                                    | 75                 |           |           |           | 13O75DY48 | 13P75DY48 |           |
| <b>48</b> <br>1/2 Circle Round Body             | 45                 |           |           |           |           |           | 13Q45DZ48 |
| <b>48</b> <br>1/2 Circle Blunt Point Round Body | 75                 |           |           |           | 13O75DR48 | 13P75DR48 |           |
| <b>48</b> <br>1/2 Circle Taper Cutting          | 45                 |           |           |           | 13O45DK48 | 13P45DK48 |           |

# PLASTIC SURGERY SUTURES



## Usage

Rhinoplasty, Abdominoplasty, Blepharoplasty, Mammoplasty, Burns, Breast Reduction, Tumour Removal, Laceration Repair, Hand Surgery, Cleft Lip Repair, Palate Repair and Jaw Repair

# PLASTIC SURGERY SUTURES

| Needle Length (mm)<br>& Sutures                                                                                                                                  | Suture<br>Length (cm) | 6-0       | 5-0        | 4-0        | 3-0        | 2-0 | 0 / 1-0 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------|------------|------------|------------|-----|---------|
| <b>12</b> <br><b>Trusynth</b><br>3/8 Circle Reverse<br>Cutting Truprime         | 45                    |           | 10H45CX12P |            |            |     |         |
| <b>12</b> <br><b>Trugut Chromic</b><br>1/2 Circle<br>Reverse Cutting            | 76                    |           |            |            | 4F76DX12   |     |         |
| <b>12</b> <br><b>Trulon</b><br>3/8 Circle Reverse<br>Cutting Truprime           | 90                    |           | 3H90CX12P  |            |            |     |         |
| <b>13</b> <br><b>Monoglyde Undyed</b><br>3/8 Circle Reverse<br>Cutting Truprime | 45                    |           | 11H45CX13P |            |            |     |         |
| <b>13</b> <br><b>Trulon</b><br>3/8 Circle<br>Cutting Truprime                 | 70                    | 3I70CY13P |            |            |            |     |         |
| <b>13</b> <br><b>Trulon</b><br>3/8 Circle Reverse<br>Cutting Truprime         | 60                    |           | 3H60CX13P  |            |            |     |         |
| <b>16</b> <br><b>Trusynth</b><br>1/2 Circle<br>Round Body                     | 45                    |           | 10H45DZ16  |            |            |     |         |
| <b>16</b> <br><b>Trusynth (Undyed)</b><br>3/8 Circle<br>Cutting Truprime      | 70                    |           |            | 19G70CY16P |            |     |         |
| <b>16</b> <br><b>Trusynth Fast Undyed</b><br>3/8 Circle<br>Cutting Truprime   | 75                    |           |            | 20G75CY16P | 20F75CY16P |     |         |

# PLASTIC SURGERY SUTURES

| Needle Length (mm)<br>& Sutures                                                                                                                                  | Suture<br>Length (cm) | 6-0 | 5-0        | 4-0        | 3-0        | 2-0 | 0 / 1-0 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|------------|------------|------------|-----|---------|
| <b>16</b> <br><b>Trugut Chromic</b><br>3/8 Circle Reverse<br>Cutting Truprime   | 76                    |     |            | 4G76CX16P  |            |     |         |
| <b>16</b> <br><b>Trugut Plain</b><br>3/8 Circle Reverse<br>Cutting Truprime     | 76                    |     |            | 7G76CX16P  |            |     |         |
| <b>16</b> <br><b>Monoglyde Undyed</b><br>3/8 Circle Reverse<br>Cutting Truprime | 45                    |     | 11H70CX16P | 11G45CX16P |            |     |         |
| <b>16</b> <br><b>Monoglyde Undyed</b><br>3/8 Circle<br>Round Body               | 70                    |     |            | 11G70CZ16  |            |     |         |
| <b>16</b> <br><b>PDSynth Undyed</b><br>3/8 Circle<br>Reverse Cutting          | 45                    |     |            | 9G45CX16   |            |     |         |
| <b>16</b> <br><b>Trulon</b><br>3/8 Circle<br>Cutting Truprime                 | 90                    |     |            | 3G90CY16P  |            |     |         |
| <b>16</b> <br><b>Trulene</b><br>3/8 Circle<br>Cutting Truprime                | 70                    |     |            | 8G70CY16P  |            |     |         |
| <b>19</b> <br><b>Trusynth (Undyed)</b><br>3/8 Circle<br>Cutting Truprime      | 90                    |     |            |            | 19F90CY19P |     |         |
| <b>19</b> <br><b>Trugut Chromic</b><br>3/8 Circle Reverse<br>Cutting Truprime | 76                    |     |            |            | 4F76CX19P  |     |         |

# PLASTIC SURGERY SUTURES

| Needle Length (mm)<br>& Sutures                                                                                                                                      | Suture<br>Length (cm) | 6-0 | 5-0 | 4-0       | 3-0        | 2-0        | 0 /1-0    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----|-----|-----------|------------|------------|-----------|
| <b>19</b> <br><b>Trulon</b><br>3/8 Circle<br>Cutting Truprime                       | 60                    |     |     | 3G60CY19P |            |            |           |
| <b>25</b> <br><b>Monoglyde</b><br>3/8 Circle Precision<br>Cutting Trusharp          | 70                    |     |     |           | 14F70CY25P |            |           |
| <b>25</b> <br><b>Trulene</b><br>3/8 Circle<br>Cutting Truprime                      | 90                    |     |     |           | 8F90CY25P  |            |           |
| <b>26</b> <br><b>Trusynth Fast Undyed</b><br>3/8 Circle Reverse<br>Cutting Truprime | 75                    |     |     |           | 20F75CX26P | 20E75CX26P |           |
| <b>26</b> <br><b>Trugut Plain</b><br>3/8 Circle Reverse<br>Cutting Truprime       | 76                    |     |     |           | 7F76CX26P  |            |           |
| <b>30</b> <br><b>Trusynth</b><br>1/2 Circle<br>Round Body                         | 90                    |     |     |           |            | 10E90DZ30  | 10D90DZ30 |
| <b>30</b> <br><b>Monoglyde Undyed</b><br>1/2 Circle<br>Round Body                 | 70                    |     |     |           |            | 11E70DZ30  | 11D70DZ30 |

# Disposable Sterile Skin Stapler



- ❑ Superior, ergonomic design- Permits rapid skin stapling, suits a variety of hand sizes and helps in easy navigation
- ❑ Excellent cosmetic outcome with minimal scar
- ❑ Light weight and unique design offers excellent view to the Surgeon during stapling for better outcome
- ❑ Sterile, single use-35W, medical grade stainless steel pins for safe skin closure
- ❑ Easy to remove from the skin using Xtract (sterile disposable pin remover)

## TRUPLER

| PRODUCT      | DESCRIPTION                                          | NO OF UNITS/BOX |
|--------------|------------------------------------------------------|-----------------|
| TRUPLER      | Disposable Sterile Skin Stapler 35 Stapler Pins      | 10              |
| TRUPLER Mini | Disposable Sterile Skin Stapler-Mini 20 Stapler Pins | 10              |

## SURGIPLER

| PRODUCT   | DESCRIPTION                                  | NO OF UNITS/BOX |
|-----------|----------------------------------------------|-----------------|
| SURGIPLER | Skin Stapler with Pre Loaded 35 Stapler Pins | 10              |

## Xtract (sterile disposable pin remover)

| PRODUCT | DESCRIPTION                                 | NO OF UNITS/BOX |
|---------|---------------------------------------------|-----------------|
| Xtract  | Disposable Sterile Skin Stapler Pin Remover | 6               |

# CLINICEL

Oxidized Regenerated Cellulose



- Dual advantage of Hemostasis and Antibacterial activity
- Superior handling Characteristics
- Effective Hemostasis within a Short time
- Plant Derived & No Potential Immune Response
- Multiple forms Available for Ease of Application

## General Applications



**Standard**

Inches

2x3

2x14

4x8

### Neurosurgeries

- Operative intervention into the :
  - Cerebrum
  - Ventricular system
  - Spinal surgery
- Approaches to the skull base
- Cerebrovascular surgery

### Cardiac surgeries

- Valve replacement surgery
- Sterna intramedullary bleeding

### Gynecological surgery

- Uterine wall perforations

### General surgery

- Control of capillary, venous and small arterial bleeding

### ENT surgery

- Posterior epistaxis

### Fibril Type

Inches

1X2

2x4



| CODE No. | TYPE      | SIZE                            | NO OF UNITS/BOX |
|----------|-----------|---------------------------------|-----------------|
| CLF 12   | Fibrillar | 1 in x 2 in (2.5 cm x 5.1 cm)   | 6               |
| CLF 24   | Fibrillar | 2 in x 4 in (5.1 cm x 10 cm)    | 6               |
| CLR 214  | Standard  | 2 in x 14 in (5.1 cm x 35.5 cm) | 6               |
| CLR 23   | Standard  | 2 in x 3 in (5.1 cm x 7.6 cm)   | 6               |
| CLR 48   | Standard  | 4 in x 8 in (10 cm x 20 cm)     | 6               |

# TRUBOND

Sterilised Polyester Fibre Tape



## Features & Benefits

- ☞ White (undyed) flat woven polyester tape
- ☞ Inert material, non-absorbable, non-irritant with predictable tensile strength
- ☞ Available as both needed & non-needed variants

| CODE No. | DESCRIPTION                                    | TAPE SIZE    | NEEDLE DESCRIPTION                   | NO OF UNITS/BOX |
|----------|------------------------------------------------|--------------|--------------------------------------|-----------------|
| T621     | Sterilised Polyester fibre tape without needle | 30 cm X 5 mm | NA*                                  | 3               |
| TN 622   | Sterilised Polyester fibre tape with needle    | 30 cm X 5 mm | 48 mm 1/2 Circle Heavy Round Body DA | 1               |

NA = Not Applicable

## Usage

Recommended for Cervical Cerclage and Retraction during Surgery

# CLINI fibre

Non-Absorbable Surgical Suture

Ultra High Molecular Weight Polyethylene



## Features & Benefits

- Super high strength- resistant to tensile failure<sup>2</sup>
- Exceptional pliability & ductility<sup>3</sup>
- Soft feel, low coefficient of Friction, stable in the body<sup>4</sup>
- Most resistant against fraying on metallic edges compared to polyester<sup>5</sup>
- Strong, durable & reliable - stronger than steel<sup>1,6</sup>
- Highly resistant to bending & abrasion<sup>2,4</sup>

## Usage

Recommended for ACL/PCL Reconstruction, Meniscus Repair, Tendon Repairs, Rotator Cuff Repair, Tension Band Fixation of Transverse Patellar Fractures and Bone Graft Harvesting

### References

1. S. Najibi,\*,† R. Banglmeier,† et al, Material Properties of Common Suture Materials in Orthopaedic Surgery, The Iowa Orthopaedic Journal, Volume 30
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3. Xiang Zhang, New Frontiers in Orthopaedic Product Design, European Medical Device Technology, September 27, 2011
4. Christopher Batich and Patrick Leamy, Biopolymers, Chapter 3, University of Florida, Gainesville, Florida
5. Daniel M. Wüst, M.D., Dominik C. Meyer et al., Mechanical and Handling Properties of Braided Polyblend Polyethylene Sutures in Comparison to Braided Polyester and Monofilament Polydioxanone Sutures
6. Rothaug PG1, Boston RC et al A comparison of ultra-high-molecular weight polyethylene cable and stainless steel wire using two fixation techniques for repair of equine midbody sesamoid fractures: an in vitro biomechanical study, Vet Surg. 2002 Sep-Oct;31(5):445-54.

# CLINI fibre

Orthopaedic Fixation Fibre  
Ultra High Molecular Weight Polyethylene

| CODE No.   | DESCRIPTION                                                                  | No. of Unit/Box |
|------------|------------------------------------------------------------------------------|-----------------|
| S94-7001-S | Orthopaedic Fixation Fibre Size 2-0, 1/2 Circle Round Body Needle 17mm, 45cm | 12              |
| S94-7002-S | Orthopaedic Fixation Fibre Size 2-0, 1/2 Circle Round Body Needle 17mm, 90cm | 12              |
| S94-7003-S | Orthopaedic Fixation Fibre Size 2, 1/2 Circle Round Body Needle 26mm, 45cm   | 12              |
| S94-7004-S | Orthopaedic Fixation Fibre Size 2, 1/2 Circle Round Body Needle 26mm, 90cm   | 12              |
| S94-7005-S | Orthopaedic Fixation Fibre Size 2, Straight TC Needle 76mm loop, 102cm       | 12              |
| S94-7006-S | Orthopaedic Fixation Fibre Size 5, 1/2 Circle Cutting Needle 45mm, 45cm      | 12              |
| S94-7007-S | Orthopaedic Fixation Fibre Size 5, 1/2 Circle Cutting Needle 45mm, 90cm      | 12              |
| S94-1003-S | Orthopaedic Fixation Tape 1.5mm                                              | 12              |
| S94-1004-S | Orthopaedic Fixation Tape 2.5mm                                              | 12              |

# COMPREHENSIVE HERNIA SOLUTIONS



## Technical details

| Properties     | Trulene Mesh (Regular)                      | Trulene Mesh (Laparo)                     | Trulene Macropore Mesh                    | Trulene Mesh Soft                         |
|----------------|---------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| Thickness      | 0.65 mm - 0.75 mm                           | 0.42 mm - 0.48 mm                         | 0.65 mm - 0.75 mm                         | 0.30 mm to 0.38 mm                        |
| Pore Size      | 0.6 mm - 0.7 mm                             | 0.5 mm - 0.6 mm                           | 2 mm - 3 mm                               | 1.0 mm to 2.0 mm                          |
| Burst Strength | 12 kg/sq.cm                                 | 10 kg/sq.cm                               | 10 kg/sq.cm                               | ≥6 kg/sq.cm                               |
| GSM            | 105 g/m <sup>2</sup> - 115 g/m <sup>2</sup> | 85 g/m <sup>2</sup> - 95 g/m <sup>2</sup> | 55 g/m <sup>2</sup> - 60 g/m <sup>2</sup> | 25 g/m <sup>2</sup> - 35 g/m <sup>2</sup> |

*Ultrasonically cleaned and sealed - smooth edges for better performance*

# TRULENE MESH

STERILE POLYPROPYLENE SURGICAL MESH

| CODE No. | SIZE | NO OF UNITS/BOX |
|----------|------|-----------------|
|----------|------|-----------------|

|         |                |             |
|---------|----------------|-------------|
| TVM 611 | 6 cm x 11 cm   | 8 units/box |
| TVM 715 | 7.6 cm x 15 cm | 8 units/box |
| TVM 115 | 10 cm x 15 cm  | 4 units/box |
| TVM 151 | 15 cm x 15 cm  | 4 units/box |
| TVM 303 | 30 cm x 30 cm  | 1 unit/box  |

# TRULENE LAPROMESH

STERILE POLYPROPYLENE SURGICAL MESH

| CODE No. | SIZE | NO OF UNITS/BOX |
|----------|------|-----------------|
|----------|------|-----------------|

|           |                 |             |
|-----------|-----------------|-------------|
| TVLM 611  | 6 cm x 11 cm    | 8 units/box |
| TVLM 715  | 7.6 cm x 15 cm  | 8 units/box |
| TVLM 115  | 10 cm x 15 cm   | 4 units/box |
| TVLM 151  | 15 cm x 15 cm   | 4 units/box |
| TVLM 303  | 30 cm x 30 cm   | 1 unit/box  |
| TVLM 1218 | 12 cm x 18 cm   | 4 units/box |
| TVLM 1215 | 12.5 cm x 15 cm | 4 units/box |
| TVLM 59   | 5 cm x 9 cm     | 6 units/box |
| TVLM 49   | 4 cm x 9 cm     | 6 units/box |
| TVLM 1520 | 15 cm x 20 cm   | 1 unit/box  |
| TVLM1530  | 15 cm x 30 cm   | 1 unit/box  |
| TVLM 2030 | 20 cm x 30 cm   | 1 unit/box  |

# TRULENE MACROPORE MESH

STERILE MACROPORE POLYPROPYLENE MESH

| CODE No. | SIZE           | NO OF UNITS/BOX |
|----------|----------------|-----------------|
| TMM 611  | 6 cm x 11 cm   | 8 units/box     |
| TMM 715  | 7.6 cm x 15 cm | 8 units/box     |
| TMM 115  | 10 cm x 15 cm  | 4 units/box     |
| TMM 151  | 15 cm x 15 cm  | 4 units/box     |
| TMM 303  | 30 cm x 30 cm  | 1 unit/box      |

# TRULENE MESH SOFT

ULTRA LIGHT-WEIGHT POLYPROPYLENE MESH

| CODE No.  | SIZE           | NO OF UNITS/BOX |
|-----------|----------------|-----------------|
| TULM611   | 6 cm x 11 cm   | 8 units/box     |
| TULM715   | 7.6 cm x 15 cm | 8 units/box     |
| TULM115   | 10 cm x 15 cm  | 4 units/box     |
| TULM 1215 | 12 cm x 15 cm  | 4 units/box     |
| TULM151   | 15 cm x 15 cm  | 4 units/box     |
| TULM303   | 30 cm x 30 cm  | 1 unit/box      |

# CONSUMABLES



**STERILE DISPOSABLE LATEX POWDER FREE SURGICAL GLOVES**

| CODE No.            | DESCRIPTION                                                                 | PAIRS/BOX |
|---------------------|-----------------------------------------------------------------------------|-----------|
| TRUPOLY PF SIZE-6.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – POWDER FREE GLOVES SIZE 6.0 | 50        |
| TRUPOLY PF SIZE-6.5 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – POWDER FREE GLOVES SIZE 6.5 | 50        |
| TRUPOLY PF SIZE-7.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – POWDER FREE GLOVES SIZE 7.0 | 50        |
| TRUPOLY PF SIZE-7.5 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – POWDER FREE GLOVES SIZE 7.5 | 50        |
| TRUPOLY PF SIZE-8.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – POWDER FREE GLOVES SIZE 8.0 | 50        |

**STERILE DISPOSABLE LATEX PRE POWDERED SURGICAL GLOVES**

| CODE No.         | DESCRIPTION                                                     | PAIRS/BOX |
|------------------|-----------------------------------------------------------------|-----------|
| TRUSKIN SIZE 6.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – GLOVES SIZE 6.0 | 50        |
| TRUSKIN SIZE 6.5 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – GLOVES SIZE 6.5 | 50        |
| TRUSKIN SIZE 7.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – GLOVES SIZE 7.0 | 50        |
| TRUSKIN SIZE 7.5 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – GLOVES SIZE 7.5 | 50        |
| TRUSKIN SIZE 8.0 | DISPOSABLE SURGICAL LATEX GLOVES -<br>STERILE – GLOVES SIZE 8.0 | 50        |

### NON STERILE DISPOSABLE LATEX PRE POWDERED SURGICAL GLOVES

| CODE No.         | DESCRIPTION                                                         | PAIRS/BOX |
|------------------|---------------------------------------------------------------------|-----------|
| TRUSKIN 6.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 6.0 | 50        |
| TRUSKIN 6.5 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 6.5 | 50        |
| TRUSKIN 7.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 7.0 | 50        |
| TRUSKIN 7.5 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 7.5 | 50        |
| TRUSKIN 8.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 8.0 | 50        |

### NON STERILE DISPOSABLE LATEX PRE POWDERED SURGICAL GLOVES

| CODE No.                          | DESCRIPTION                                                         | PAIRS/BOX |
|-----------------------------------|---------------------------------------------------------------------|-----------|
| TRUSKIN STANDARD<br>SIZE 6.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 6.0 | 50        |
| TRUSKIN STANDARD<br>SIZE 6.5 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 6.5 | 50        |
| TRUSKIN STANDARD<br>SIZE 7.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 7.0 | 50        |
| TRUSKIN STANDARD<br>SIZE 7.5 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 7.5 | 50        |
| TRUSKIN STANDARD<br>SIZE 8.0 (NS) | DISPOSABLE SURGICAL LATEX GLOVES -<br>NON STERILE – GLOVES SIZE 8.0 | 50        |

REDEFINE  
YOUR WOUND CLOSURE EXPERIENCE

# TRUBARB™

Polydioxanone Knotless Tissue - Closure Device



▼ TRULY SWIFT

▼ TRULY SIMPLE

▼ TRULY SECURE

## Unique Features

- Secure & Effective Triangular End-stopper
- Single Angle Cut Uni-directional Helical Barb Design
- World-class 300 series QNPL needle

## Applications

- General Surgery procedures
- Urology procedures
- Oncology procedures
- Plastic & Cosmetic Surgeries



# TRUBARB™

Polydioxanone Knotless Tissue - Closure Device

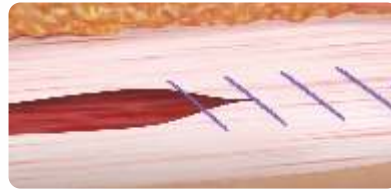
## END-STOPPER

## TRULY SWIFT



- Avoids looping requirement- reduces operation time

## BARBED SUTURE



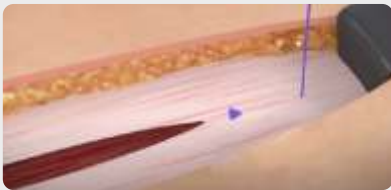
- Faster approximation of tissue Vs. standard suture - ensures lesser loss of blood during surgery<sup>1</sup>

## NEEDLE



- Silicone coated with long taper ratio (12:1) - offers extra speed for surgery<sup>4</sup>

## TRULY SIMPLE



- Eliminates the need for looping- eases suturing<sup>1</sup>

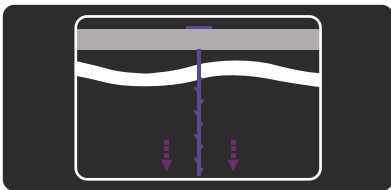


- Easier tissue approximation Vs. standard suture- shortens the learning curve<sup>3</sup>

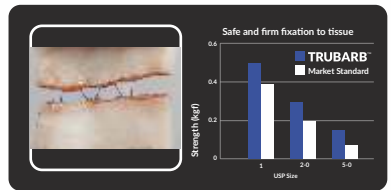


- Smooth needle penetration - demonstrates the ease of tissue passage

## TRULY SECURE



- Stands perpendicular to the tissue- prevents suture spillage & secures the suture



- Designed with 53 barbs/inch & proven barb holding strength for safe & firm fixation<sup>2</sup>
- Offers uniform tension over the surgical wound- reduces tissue ischemia and necrosis



- 300 series steel needle - offers higher resistance to bending

## AVAILABLE VARIANTS

| Needle                            |  | Suture Length (in Cm) | 3-0      | 2-0      | 0        |
|-----------------------------------|--|-----------------------|----------|----------|----------|
| 37 mm, 1/2 Circle Taper Point     |  | 30                    |          | BSN0315U | BSN0316U |
|                                   |  | 45                    |          | BSN0325U | BSN0326U |
| 26 mm, 1/2 Circle Taper Point     |  | 30                    |          | BSN0615U |          |
|                                   |  | 45                    | BSN0624U |          |          |
| 19 mm, 3/8 Circle Reverse Cutting |  | 45                    | BSN1100U |          |          |

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