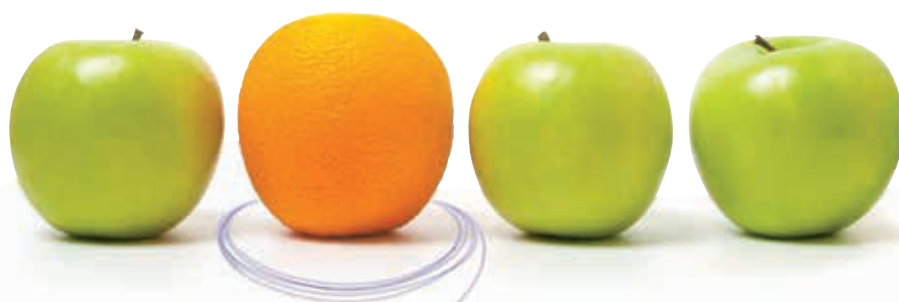




# YOU'RE A SPECIALIST. BUT IS YOUR SUTURE?

*"After receiving Resorba<sup>®</sup> sutures for testing, I was so impressed by their handling and quality that I changed my previous type of sutures to these, and I am very satisfied with them."*

**Istvan Urban**  
DMD, MD, PhD

*"We are having great success with the Resorba<sup>®</sup> line of sutures. The wide selection of thread materials and needles has assisted us in improving our outcomes over the entire range of our clinical procedures."*

**Kirk Pasquinelli**  
DDS

*"Resorba<sup>®</sup> sutures have been a great addition to my practice in addition to the PTFE sutures that we use and teach. They are monofilament, tissue-compatible, and user friendly. The needles are minimally invasive but strong, and the sutures are very soft but rigid."*

**Sascha Jovanovic**  
DDS, MS

# Available with Black Needles\*

*Manufactured from premium tempered black 300 series stainless steel ▶*

*Black steel provides more contrast in the mouth for easier visualization ▶*

*Dark color doesn't reflect light, which is advantageous when suturing under magnification ▶*

*\*black needles available on **Glycolon™**, **Resolon™**, **Resolon Twist™**, and **Cytoplast™** sutures*

| Brand              | Material             | Resorption Kinetics | Filament Structure | Black Needle | Micro Suture | Pg |
|--------------------|----------------------|---------------------|--------------------|--------------|--------------|----|
| Glycolon™          | PGA-PCL Copolymer    | 11-13 days*         | Monofilament       | ✓            | ✓            | 2  |
| PGA Resorba™       | PGA                  | ≤ 21 days*          | Multifilament      |              | ✓            | 3  |
| X-Gut™ Chromic Gut | 97-98% Pure Collagen | 14-21 days*         | Natural            |              |              | 4  |
| X-Gut™ Plain Gut   | 97-98% Pure Collagen | 10 days*            | Natural            |              |              | 4  |
| Resolon™           | Nylon (polyamide)    | Non-Absorbable      | Monofilament       | ✓            | ✓            | 5  |
| Cytoplast™ PTFE    | PTFE                 | Non-Absorbable      | Monofilament       | ✓            |              | 6  |

*\*In Vivo data on file – resorption kinetics represent the point in time that suture tensile strength is at 50%*

- ▶ Length: 45 cm
- ▶ Color: Undyed or Violet
- ▶ Thread diameter:  
USP 3/0, 4/0, 5/0, & 6/0

## Glycolon™

Absorbable, Monofilament



Glycolon™ is Resorba's top selling suture material world-wide and is comprised of polyglycolic acid (PGA) and polycaprolactone (PCL). The monofilament structure provides excellent handling properties, does not wick bacteria, and allows for atraumatic passage through the tissue. **Glycolon™ maintains 50% of its tensile strength for 11-13 days\***. \*In Vivo data on file



|        |                               |         |         |
|--------|-------------------------------|---------|---------|
| Violet | 16 mm <b>DSM</b>              | 3/0 USP | OD01204 |
| Violet | 18 mm <b>DSM</b>              | 3/0 USP | OD01205 |
| Violet | 18 mm <b>HRT</b>              | 4/0 USP | OD01101 |
| Violet | 16 mm <b>DSM</b>              | 4/0 USP | OD01201 |
| Violet | 18 mm <b>DSM</b>              | 4/0 USP | OD01203 |
| Violet | 13 mm <b>DSM black needle</b> | 5/0 USP | OD01210 |
| Violet | 16 mm <b>DSM black needle</b> | 5/0 USP | OD01211 |
| Violet | 18 mm <b>DSM black needle</b> | 5/0 USP | OD01212 |
| Violet | 16 mm <b>HRT</b>              | 5/0 USP | OD01100 |
| Violet | 16 mm <b>DSM</b>              | 5/0 USP | OD01214 |
| Undyed | 18 mm <b>DSM</b>              | 5/0 USP | OD01202 |
| Undyed | 13 mm <b>DSM</b>              | 6/0 USP | OD01200 |
| Violet | 13 mm <b>DSM</b>              | 6/0 USP | OD01213 |

### MICRO SUTURE:

|        |                  |         |         |
|--------|------------------|---------|---------|
| Violet | 10 mm <b>HRT</b> | 6/0 USP | OD01102 |
|--------|------------------|---------|---------|

### NEEDLE CODE DETAIL

**DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING

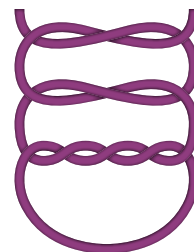


**HRT** 1/2 CIRCLE ROUND-BODIED CUTTING



### SUGGESTED KNOT\*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*



\*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. Polymers; 2016, 8, 147.



## PGA Resorba™

Absorbable, Multifilament

- ▶ Length: 45 cm
- ▶ Color: Violet
- ▶ Thread diameter:  
USP 4/0, 5/0, 6/0, & 7/0

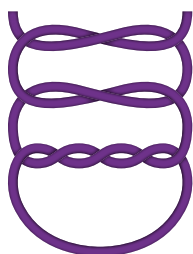
PGA Resorba™ is an absorbable suture made of precision-braided filaments of polyglycolic acid coated with a special resolactone coating to reduce surface friction when passing through tissue. The composition of PGA Resorba™ ensures predictable and moderately rapid resorption in tissue.

**PGA Resorba™ maintains 50% tensile strength for up to 21 days\*.** \*In Vivo data on file

|                      |                  |         |         |
|----------------------|------------------|---------|---------|
| Violet               | 18 mm <b>HRT</b> | 4/0 USP | OD03100 |
| Violet               | 18 mm <b>DSM</b> | 4/0 USP | OD03202 |
| Violet               | 17 mm <b>HR</b>  | 5/0 USP | OD03500 |
| Violet               | 18 mm <b>DS</b>  | 5/0 USP | OD03400 |
| Violet               | 13 mm <b>DSM</b> | 5/0 USP | OD03201 |
| Violet               | 13 mm <b>DSM</b> | 6/0 USP | OD03200 |
| <b>MICRO SUTURE:</b> |                  |         |         |
| Violet               | 10 mm <b>HRT</b> | 5/0 USP | OD03103 |
| Violet               | 10 mm <b>HSM</b> | 5/0 USP | OD03700 |
| Violet               | 10 mm <b>HSM</b> | 6/0 USP | OD03701 |
| Violet               | 11 mm <b>DSM</b> | 6/0 USP | OD03203 |
| Violet               | 7 mm <b>DSM</b>  | 7/0 USP | OD03206 |
| Violet               | 11 mm <b>DSM</b> | 7/0 USP | OD03204 |

### NEEDLE CODE DETAIL

|            |                                     |
|------------|-------------------------------------|
| <b>DSM</b> | 3/8 CIRCLE PREMIUM REVERSE CUTTING  |
| <b>DS</b>  | 3/8 CIRCLE STANDARD REVERSE CUTTING |
| <b>HRT</b> | 1/2 CIRCLE ROUND-BODIED CUTTING     |
| <b>HR</b>  | 1/2 CIRCLE ROUND-BODIED             |
| <b>HSM</b> | 1/2 CIRCLE PREMIUM REVERSE CUTTING  |



### SUGGESTED KNOT\*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*

\*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. *Polymers*; 2016, 8, 147.

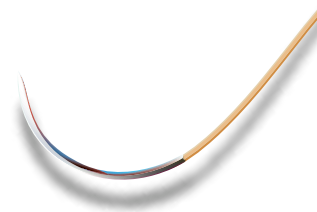
- ▶ Length: 45 cm, 75 cm
- ▶ Color: Natural Gut
- ▶ Thread diameter:  
USP 3/0, 4/0, & 5/0

X-Gut™

## Chromic Gut & Plain Gut Sutures

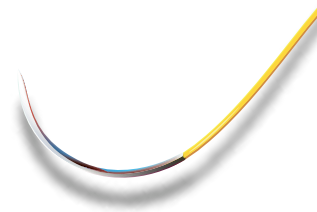


X-Gut™ Chromic Gut suture is an absorbable suture composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) intestines. **X-Gut™ Chromic Gut sutures maintain tensile strength for 14 – 21 days\***. X-Gut™ Chromic Gut sutures have a high tensile strength compared to other gut sutures, minimizing the risk of tearing during suturing. \*In Vivo data on file



|                   |                              |         |           |
|-------------------|------------------------------|---------|-----------|
| 45 cm Chromic Gut | 19 mm <b>RC</b>              | USP 3/0 | GC301945  |
| 75 cm Chromic Gut | 19 mm <b>RC</b>              | USP 3/0 | GC301975  |
| 45 cm Chromic Gut | 19 mm <b>Precision RC</b>    | USP 3/0 | GC3019P45 |
| 75 cm Chromic Gut | RC 19 mm <b>Precision RC</b> | USP 3/0 | GC3019P75 |
| 45 cm Chromic Gut | 19 mm <b>RC</b>              | USP 4/0 | GC401945  |
| 75 cm Chromic Gut | 19 mm <b>RC</b>              | USP 4/0 | GC401975  |
| 45 cm Chromic Gut | 13 mm <b>Precision RC</b>    | USP 4/0 | GC4013P45 |
| 45 cm Chromic Gut | 19 mm <b>Precision RC</b>    | USP 4/0 | GC4019P45 |
| 45 cm Chromic Gut | 13 mm <b>Precision RC</b>    | USP 5/0 | GC5013P45 |
| 45 cm Chromic Gut | RC 19 mm <b>RC</b>           | USP 5/0 | GC501945  |
| 45 cm Chromic Gut | 16 mm <b>Precision RC</b>    | USP 5/0 | GC5016P45 |

X-Gut™ Plain Gut suture is an absorbable suture composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) intestines. **X-Gut™ Plain Gut sutures maintain tensile strength for about 10 days\***. \*In Vivo data on file



|                 |                            |         |          |
|-----------------|----------------------------|---------|----------|
| 45 cm Plain Gut | 19 mm <b>RC</b>            | USP 3/0 | GP301945 |
| 75 cm Plain Gut | 19 mm <b>RC</b>            | USP 3/0 | GP301975 |
| 45 cm Plain Gut | 22 mm <b>1/2 Circle RC</b> | USP 3/0 | GP302245 |
| 75 cm Plain Gut | 24 mm <b>RC</b>            | USP 3/0 | GP302475 |
| 45 cm Plain Gut | 19 mm <b>RC</b>            | USP 4/0 | GP401945 |
| 75 cm Plain Gut | 19 mm <b>RC</b>            | USP 4/0 | GP401975 |

### NEEDLE CODE DETAIL

**RC | PRECISION RC** 3/8 CIRCLE REVERSE CUTTING  
**1/2 CIRCLE RC** 1/2 CIRCLE REVERSE CUTTING





## Resolon™

### Non-Absorbable, Monofilament

- ▶ Length: 45 cm
- ▶ Color: Blue
- ▶ Thread diameter:  
USP 4/0, 5/0, 6/0, & 7/0

*Resolon™ is initially like traditional nylon sutures until it undergoes a proprietary treatment process that results in a softer and more supple version of a nylon suture. Resolon™ provides clinicians a non-absorbable monofilament suture option that does not wick bacteria and has superior handling characteristics when compared to traditional nylon sutures.*

|      |                               |         |                |
|------|-------------------------------|---------|----------------|
| Blue | 13 mm <b>DSM</b>              | 4/0 USP | <b>OD13202</b> |
| Blue | 16 mm <b>DSM</b>              | 4/0 USP | <b>OD13205</b> |
| Blue | 18 mm <b>DSM</b>              | 4/0 USP | <b>OD13207</b> |
| Blue | 16 mm <b>DSM black needle</b> | 4/0 USP | <b>OD13215</b> |
| Blue | 18 mm <b>HS</b>               | 5/0 USP | <b>OD13700</b> |
| Blue | 13 mm <b>DSM</b>              | 5/0 USP | <b>OD13201</b> |
| Blue | 16 mm <b>DSM</b>              | 5/0 USP | <b>OD13204</b> |
| Blue | 18 mm <b>DSM</b>              | 5/0 USP | <b>OD13206</b> |
| Blue | 13 mm <b>DSM black needle</b> | 5/0 USP | <b>OD13213</b> |
| Blue | 16 mm <b>DSM black needle</b> | 5/0 USP | <b>OD13214</b> |
| Blue | 13 mm <b>DSM</b>              | 6/0 USP | <b>OD13200</b> |
| Blue | 16 mm <b>DSM</b>              | 6/0 USP | <b>OD13203</b> |
| Blue | 13 mm <b>DSM black needle</b> | 6/0 USP | <b>OD13212</b> |

#### MICRO SUTURE:

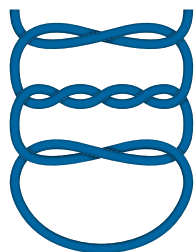
|      |                               |         |                |
|------|-------------------------------|---------|----------------|
| Blue | 13 mm <b>DSM black needle</b> | 7/0 USP | <b>OD13211</b> |
|------|-------------------------------|---------|----------------|

#### NEEDLE CODE DETAIL

**DSM** 3/8 CIRCLE PREMIUM REVERSE CUTTING



**HS** 1/2 CIRCLE STANDARD REVERSE CUTTING



#### SUGGESTED KNOT\*

1. Single throw *forward*
2. Double throw *forward*
3. Single throw *reverse*

\*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physial and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. Polymers; 2016, 8, 147.

- ▶ Length: 45 cm
- ▶ Color: Undyed (White)
- ▶ Thread diameter:  
USP 2/0, 3/0, 4/0, & 5/0

## Cytoplast™ PTFE

### Non-Absorbable, Monofilament



Cytoplast™ PTFE suture is an ideal suture for dental bone grafting and implant procedures where a soft monofilament suture is desirable. Cytoplast™ PTFE suture's monofilament construction doesn't allow bacterial wicking into the surgical site, and patients like it because it is soft.



|            |                           |         |             |
|------------|---------------------------|---------|-------------|
| 18" Undyed | 19 mm <b>Precision RC</b> | 2/0 USP | CS0418      |
| 28" Undyed | 19 mm <b>Precision RC</b> | 2/0 USP | CS0428      |
| 18" Undyed | 16 mm <b>Precision RC</b> | 3/0 USP | CS0518      |
| 28" Undyed | 16 mm <b>Precision RC</b> | 3/0 USP | CS0528      |
| 18" Undyed | 19 mm <b>Precision RC</b> | 3/0 USP | CS051819    |
| 28" Undyed | 19 mm <b>Precision RC</b> | 3/0 USP | CS052819    |
| 18" Undyed | 13 mm <b>TP</b>           | 4/0 USP | CS0618PERIO |
| 28" Undyed | 13 mm <b>TP</b>           | 4/0 USP | CS0628PERIO |
| 18" Undyed | 13 mm <b>Precision RC</b> | 4/0 USP | CS0618PREM  |
| 28" Undyed | 13 mm <b>Precision RC</b> | 4/0 USP | CS0628PREM  |
| 18" Undyed | 16 mm <b>Precision RC</b> | 4/0 USP | CS0618RC    |
| 28" Undyed | 16 mm <b>Precision RC</b> | 4/0 USP | CS0628RC    |
| 18" Undyed | 13 mm <b>Precision RC</b> | 5/0 USP | CS071813    |
| 28" Undyed | 13 mm <b>Precision RC</b> | 5/0 USP | CS072813    |
| 18" Undyed | 16 mm <b>Precision RC</b> | 5/0 USP | CS071816    |
| 28" Undyed | 16 mm <b>Precision RC</b> | 5/0 USP | CS072816    |

#### NEEDLE CODE DETAIL

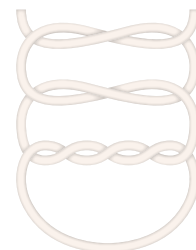
**RC** 3/8 CIRCLE REVERSE CUTTING

**TP** 1/2 CIRCLE ROUND-BODIED



#### SUGGESTED KNOT\*

1. Double throw *forward*
2. Single throw *forward*
3. Single throw *reverse*



\*Desire Abellán, José Nart, Andrés Pascual, Robert E. Cohen, Javier D. Sanz-Moliner. Physical and Mechanical Evaluation of Five Suture Materials on Three Knot Configurations: An *in Vitro* Study. *Polymers*; 2016, 8, 147.



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