B|BRAUN

# PremiCron® with and without PTFE pledgets

The polyester suture generation designed for cardiovascular surgery

Non-absorbable, braided and coated suture made of polyester



# PremiCron®

## Proven polyester performance for demanding cardiovascular procedures

### Designed for the most demanding surgical indications

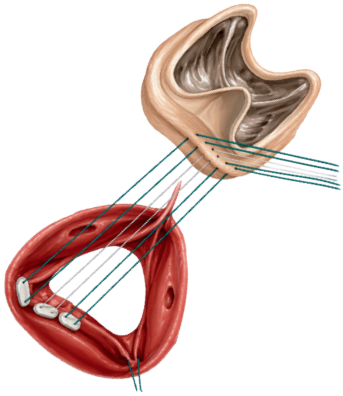
PremiCron® is a **non-absorbable braided suture made of polyester** and uniformly silicone coated with all required features for heart valve and annuloplastic ring implantation[1].

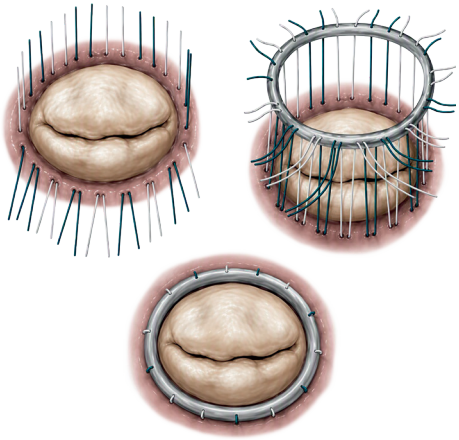
### Main indications[1]:

- Cardiovascular surgery
- Heart valve replacement
- Annuloplastic ring implantation

### Also indicated in:

- Reconstructive and plastic surgery
- General surgery

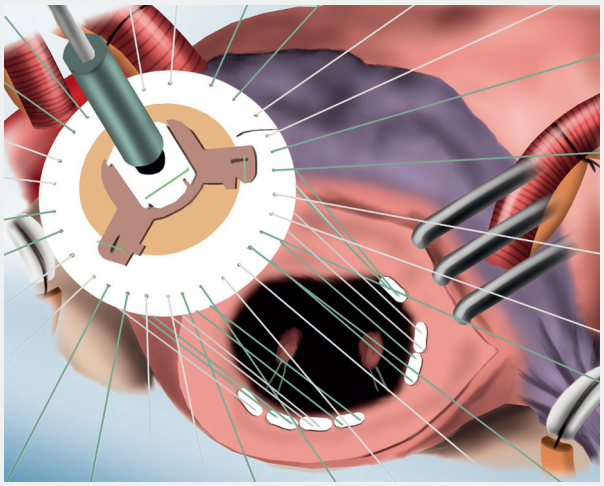




## Safe and well eligible for cardiac valve replacement and/or reconstruction

PremiCron® suture material can be regarded as a viable alternative to other non-absorbable sutures used for cardiac valve replacement and/or cardiac valve reconstruction[1].

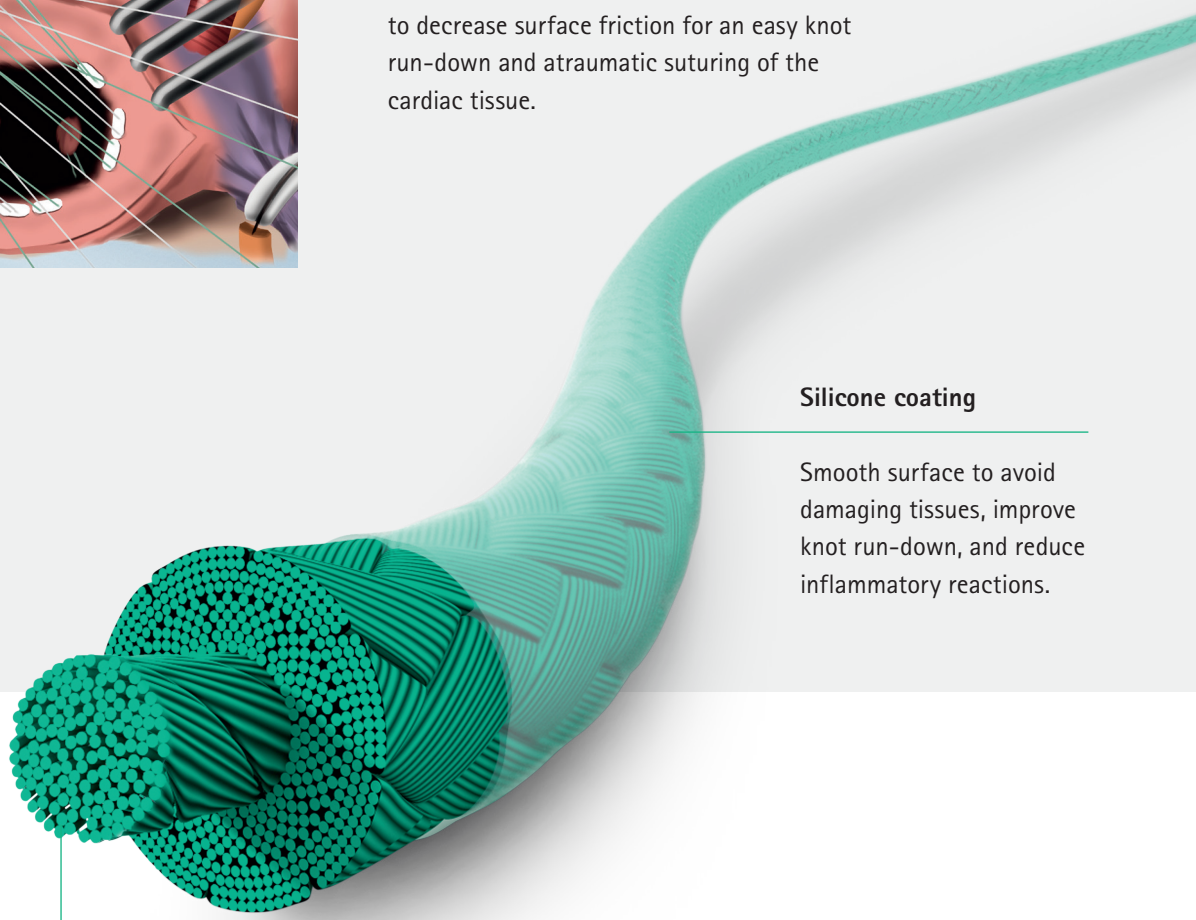
**A braided thread structure designed for reliable knotting and needle-attachement, with a good handling.**



Structure: braided & coated

**For reliable knotting**

PremiCron®'s braided thread structure is designed with a central core covered by several small compact braids of polyester filaments for **reliable knotting, with a good handling.** PremiCron® sutures are coated with silicone to decrease surface friction for an easy knot run-down and atraumatic suturing of the cardiac tissue.



**Silicone coating**

Smooth surface to avoid damaging tissues, improve knot run-down, and reduce inflammatory reactions.

**Braided structure**

Central core covered by several small compact braids coated with silicone for a secure and atraumatic knotting.

1 PREMIVALVE study: Rufa, M., Ursulescu, A., Baumann, P., & Ferrer, M. T. (2023). A prospective, international, bicentric study to evaluate PremiCron suture material for cardiac valve surgery–PREMIVALVE a cohort study. Annals of Medicine and Surgery, 85(4), 835-841.

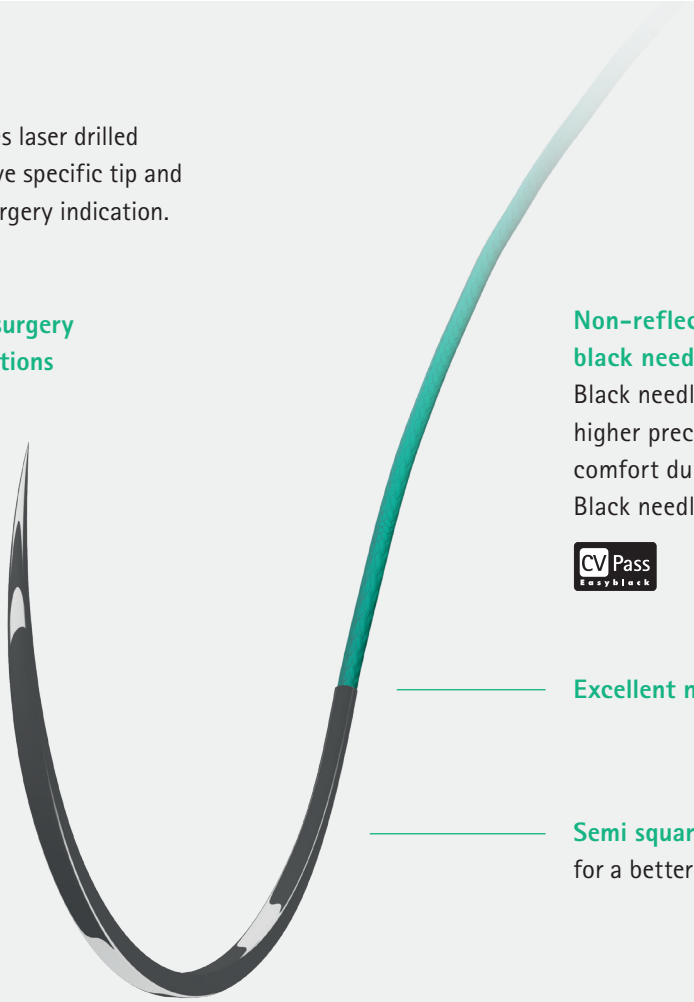
# PremiCron®

## CV Pass, Cardiovascular needle design

**Precise penetration**
Exclusive 300 stainless steel series laser drilled silicone coated needles which have specific tip and body design for cardiovascular surgery indication.

**Specific tip design for cardiac surgery for precise and smooth penetrations**

- Taper point
- Short cutting tip



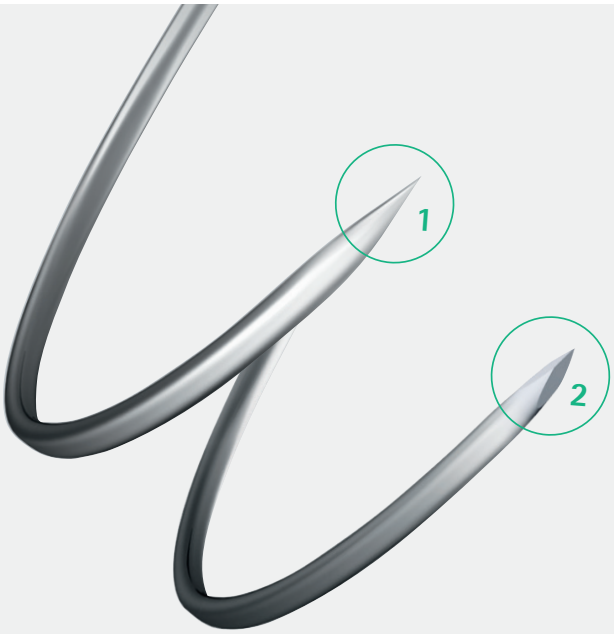
**Non-reflective cardiovascular black needles: CV Pass Easyblack**
Black needles avoid glare effect for higher precision and superior visual comfort during your procedure.
Black needles are identified by a "b".

CV Pass Easyblack

**Excellent needle-to-thread ratio**

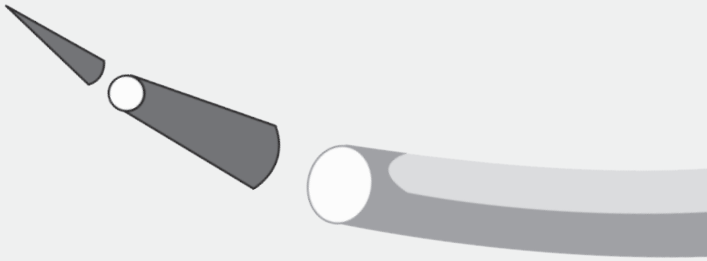
**Smooth and atraumatic penetrations**
Silicone coating to ease penetrations

**Semi square body design**
for a better stability in the needle holder.

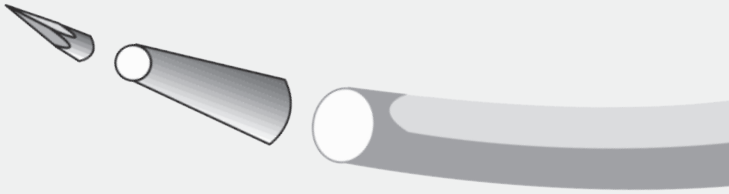



**Specific cardiovascular needle tip design**
for a precise and smooth penetration.

**1 Taper point**
Finest tip design for cardiac surgery to reduce tissue trauma.

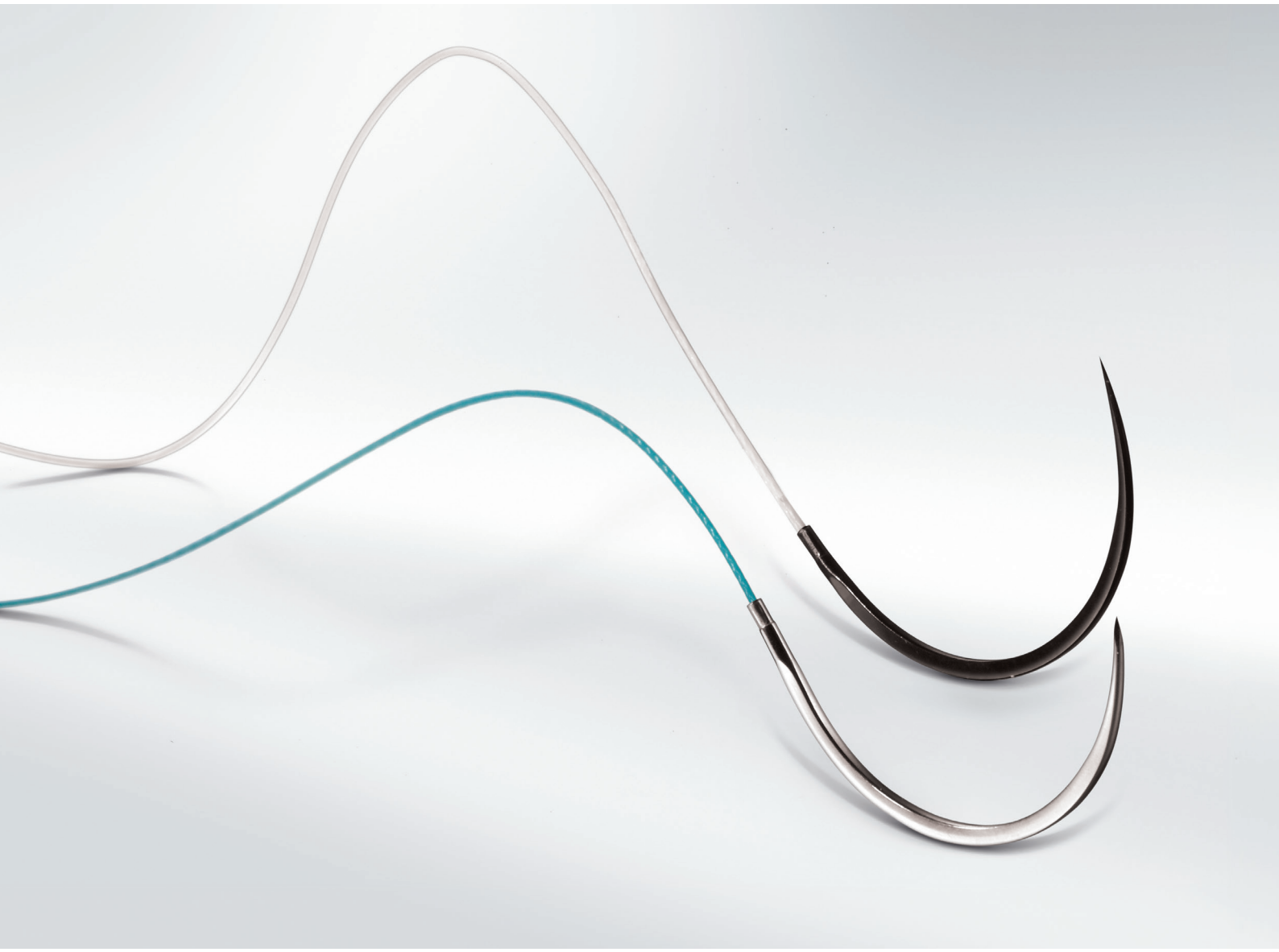


**2 Short cutting point**
Superior penetration for **calcified tissues** without being atraumic.



# PremiCron®

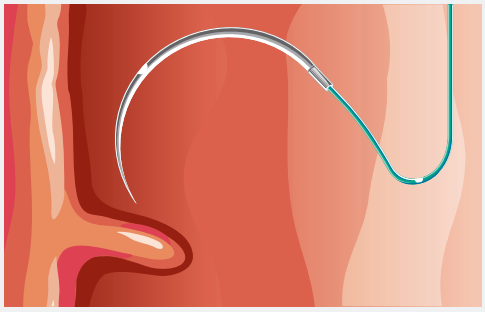
## Specific cardiac valve needle design



## Special curvature for valve replacement

PremiCron® offers several **needle-thread combinations for heart valve repair and replacement**, covering specific requirements depending whether **supra-annular or intra-annular positioning** of the valve prosthesis.

### Intra-annular technique



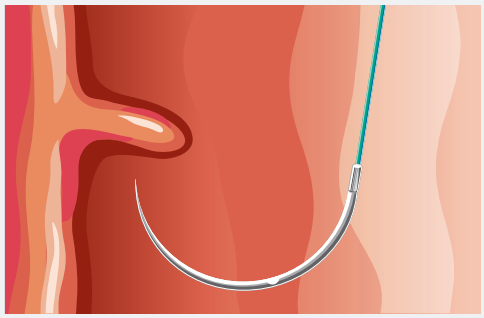
**Intra-annular prosthesis positioning**

Needle curvature < 180°

Needle range:

- HR18, HR23, HR27
- HRC18, HRC23, HRC27

### Supra-annular technique



**Supra-annular prosthesis positioning**

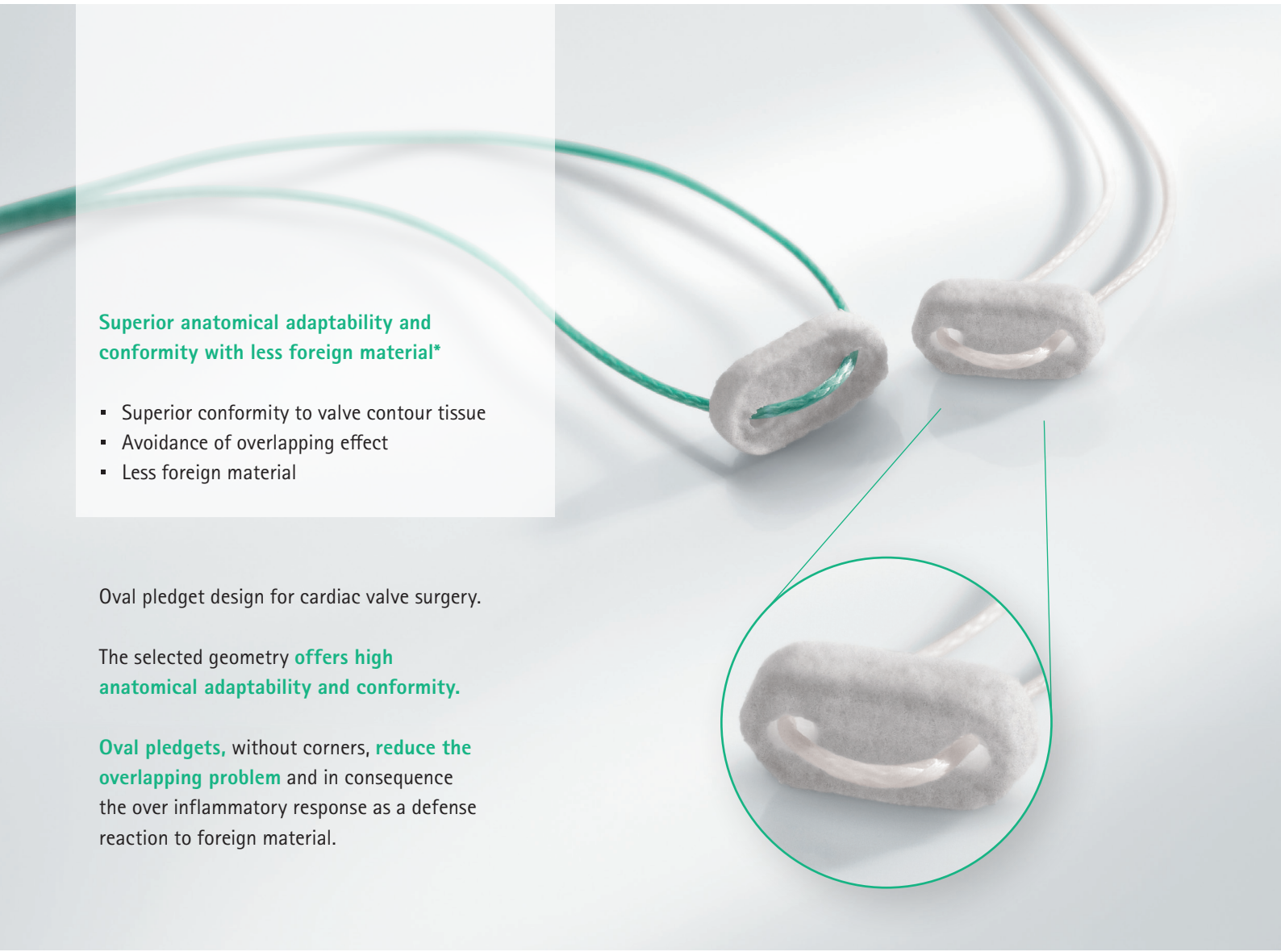
Needle curvature > 180°

Needle range:

- HR17, HR22, HR26
- HRC17, HRC22, HRC26

# PremiCron®

## PremiPatch® oval pledgets



**Superior anatomical adaptability and conformity with less foreign material***

- Superior conformity to valve contour tissue
- Avoidance of overlapping effect
- Less foreign material

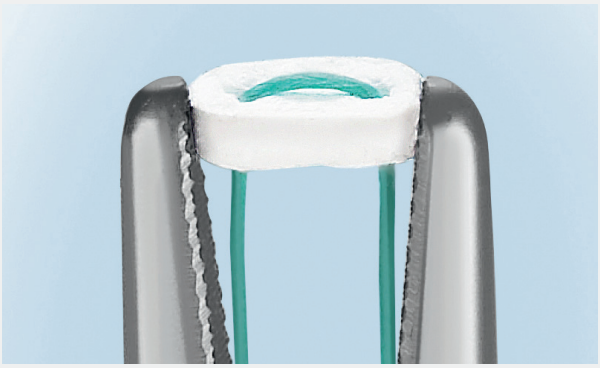
Oval pledget design for cardiac valve surgery.

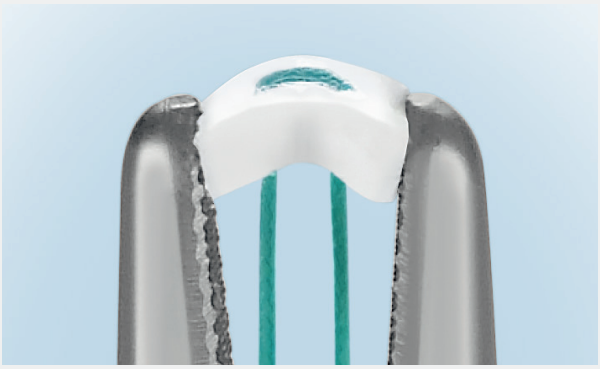
The selected geometry **offers high anatomical adaptability and conformity.**

**Oval pledgets,** without corners, **reduce the overlapping problem** and in consequence the over inflammatory response as a defense reaction to foreign material.

*RMS/02/PLP
RMS/02/PFP

# Firm and soft pledgets





**Firm:**
Compact PTFE pledget. Cut, for cardiac valve reconstruction or replacement.

**Soft:**
Pledgets are also made of 100 % PTFE and laser cut with **increased porosity**

- Higher flexibility than firm pledgets with similar resistance.

**Advantages:**

- Superior conformity to the tissue.

| PremiPatch® PTFE Pledgets | Firm | Soft |
|---|---|---|
| Material | 100 % PTFE | 100 % PTFE |
| Thickness | 1.0 mm – 2.0 mm | 1.0 mm – 2.0 mm |
| Bridge rupture | + 2.0 kg | + 2.0 kg |
| |  Pledgets 3 x 3 mm; Pledgets 6 x 3 mm; Pledgets 9 x 5 mm |  Pledgets 3 x 3 mm; Pledgets 6 x 3 mm; Pledgets 9 x 5 mm; Pledgets 16 x 7 mm |

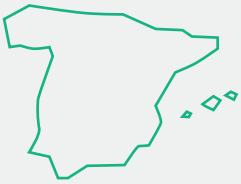
# PremiValve study

**A prospective, international, bicentric, observational, single-arm, cohort study**



**Germany**

Robert Bosch Krankenhaus



**Spain**

Hospital de la Santa Creu i Sant Pau

239
Interventions

170
Valve replacement

- Aortic valve (N=136)
- Mitral valve (N=33)
- Tricuspid valve (N=1)

69
Valve reconstruction

- Aortic valve (N=5)
- Mitral valve (N=43)
- Tricuspid valve (N=21)

### Aim of the study

The aim of the study was to assess the performance of PremiCron® suture material for cardiac valve reconstruction and/or replacement under clinical routine.
Clinical performance was evaluated through the combined incidence of major adverse cardiac and cerebrovascular events (MACCE) and endocarditis.

### Primary endpoint

Incidence of a composite endpoint containing MACCE until discharge combined with another cardiac adverse event (endocarditis) occurring until 6 months postoperatively: myocardial infarction until discharge, stroke until discharge, mortality until discharge, endocarditis of the replaced/reconstructed valve until 6 months.

### Secondary endpoints

These were intraoperative handling of the suture, incidence of MACCE and other relevant complications and quality of life up to 6 months after surgery.

### Follow-up visits

Screening → Surgery → Day of discharge → 30 days → 6 months postoperatively.

## Conclusion:

The PremiCron® suture material is safe and very eligible for cardiac valve replacement and/or cardiac valve reconstruction in a broad patient population with a cardiac valve disorder treated under daily clinical practice.

- Suture material with pledgets (6×3 mm, firm, oval) was used in 156 patients.
- In 58 % of these procedures, surgeons agreed that the oval shape helped prevent overlapping.



# PremiCron®



**Product overview**

| | |
|---|---|
| Structure | Polyfilament, braided and coated |
| Colour | Green or white |
| Chemical composition | Polyester |
| Coating | Silicone |
| Origin | Synthetic |
| Sizes | USP 6/0 (0.7 metric) to USP 5 (7 metric) |
| Type of absorption | Non-absorbable |
| Indication | Cardiovascular surgery<br>General surgery |
| Sterilization | RCP: ethylene oxide<br>MLP: ethylene oxide<br>DDP: without pledgets: gamma irradiation<br>PL: gamma irradiation |
| Packaging | RCP: RacePack® Packaging<br>MLP: Multipack Packaging<br>DDP: Direct Dispense Packaging<br>PL: PEEL CE |



# PremiCron®

## Needle-thread combination

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **3/8 circle round bodied needle** | | | | | | |
| 2xDR 8  | 5/0 | 1 | 45 cm | green | CV Pass | C0026822 |
| | 5/0 | 1 | 45 cm | white | CV Pass | C0027822 |
| 2xDR 12  | 4/0 | 1,5 | 75 cm | green | CV Pass | C2026854 |
| DR 15  | 3/0 | 2 | 75 cm | green | CV Pass | C0026131 |
| DR 18  | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026104 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C0026105 |
| 2xDR 18  | 4/0 | 1,5 | 75 cm | green | CV Pass | C2026864 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C2026865 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C0026865 |
| | 3/0 | 2 | 90 cm | green | CV Pass | C2026858 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026883 |
| DR 22  | 3/0 | 2 | 75 cm | green | CV Pass | C0026226 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026227 |
| 2xDR 22  | 3/0 | 2 | 75 cm | green | CV Pass | C2026116 |
| 2xDR 26  | 2/0 | 3 | 90 cm | green | CV Pass | C2026873 |
| DR 32  | 1 | 4 | 75 cm | green | Easyslide | C0026238 |
| **1/2 circle round bodied needle** | | | | | | |
| HR 10  | 5/0 | 1 | 45 cm | green | CV Pass | C0026009 |
| | 4/0 | 1,5 | 45 cm | green | CV Pass | C0026010 |
| HR 13  | 4/0 | 1,5 | 45 cm | green | CV Pass | C0026030 |
| | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026152 |
| | 4/0 | 1,5 | 4 x 45 cm | green | CV Pass take off needle | C0026477 |
| 2xHR 13  | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026844 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C2026845 |

C box of 36 pieces

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle** | | | | | | |
|  | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026004 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C0026005 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026006 |
| | 3/0 | 2 | 4 x 45 cm | green | Easyslide take off needle | C0026740 |
|  | 4/0 | 1,5 | 75 cm | green | CV Pass | C2026804 |
| | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026804 |
| | 4/0 | 1,5 | 90 cm | green | CV Pass | C2026904 |
| | 4/0 | 1,5 | 90 cm | green | CV Pass | C0026904 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C2026805 |
| | 3/0 | 2 | 90 cm | green | CV Pass | C2026905 |
| | 3/0 | 2 | 90 cm | green | CV Pass | C0026905 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C2026806 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026806 |
| | 2/0 | 3 | 75 cm | white | CV Pass | C0027457 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027776 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026906 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026906 |
| | 2/0 | 3 | 90 cm | white | CV Pass | C0027906 |
|  | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack | M0027151 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack 6x3 mm, Firm | M0027150 |
|  | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027706 |
|  | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026024 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C0026025 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026026 |

 6x3 mm, Firm | C box of 36 pieces | M box of 6 pieces

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle** | | | | | | |
|  2xHR 22 | 2/0 | 3 | 75 cm | green | CV Pass 6x3 mm, Firm | C2026733 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass | M0027705 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027605 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026732 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026732 |
|  HR 26 | 4/0 | 1,5 | 75 cm | green | CV Pass | C0026014 |
| | 3/0 | 2 | 75 cm | green | CV Pass | C0026015 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026016 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026049 |
| | 2/0 | 3 | 120 cm | green | CV Pass | C0026111 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026017 |
| | 0 | 3,5 | 120 cm | green | Easyslide | C0026001 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026018 |
|  2xHR 26 | 3/0 | 2 | 90 cm | green | CV Pass | C2026815 |
| | 3/0 | 2 | 90 cm | green | CV Pass | C0026815 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C2026739 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026739 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass | M0027715 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027766 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026816 |
| | 2/0 | 3 | 90 cm | white | CV Pass | C2027816 |
| | 2/0 | 3 | 90 cm | green | CV Pass 6x3 mm, Firm | C2026916 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026816 |
| | 2/0 | 3 | 90 cm | white | CV Pass | C0027816 |
| | 2/0 | 3 | 8 x 90 cm | green/ white | CV Pass 6x3 mm, Firm | M0027712 |
| | 0 | 3,5 | 90 cm | green | Easyslide | C2026817 |
| | 0 | 3,5 | 90 cm | green | Easyslide | C0026817 |

| | | |
|---|---|---|
| 6x3 mm, Firm | C box of 36 pieces | M box of 6 pieces |

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle** | | | | | | |
|  2xHR 26b | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack | M0027205 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack 6x3 mm, Firm | M0027199 |
|  HR 26s | 2/0 | 3 | 75 cm | green | Easyslide | C0026052 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026050 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026051 |
|  HR 26ss | 2 | 5 | 4 x 75 cm | green/ white | CV Pass | B0027148 |
| | 2 | 5 | 90 cm | green | CV Pass | C0026255 |
|  HR 30 | 3/0 | 2 | 75 cm | green | Easyslide | C0026056 |
| | 2/0 | 3 | 75 cm | green | Easyslide | C0026057 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026058 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026059 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026145 |
|  HR 37 | 2/0 | 3 | 75 cm | green | Easyslide | C0026036 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026037 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026038 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026039 |
|  HR 37s | 2/0 | 3 | 75 cm | green | Easyslide | C0026066 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026067 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026068 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026069 |
|  HR 37ss | 2 | 5 | 75 cm | green | Easyslide | C0026079 |
|  HR 40 | 1 | 4 | 90 cm | green | Easyslide | C0026972 |
| | 2 | 5 | 90 cm | green | Easyslide | B0026075 |
| | 5 | 7 | 75 cm | green | Easyslide | B0026083 |
|  HR 40s | 1 | 4 | 75 cm | green | Easyslide | C0026512 |
| | 2 | 5 | 75 cm | green | Easyslide | B0026513 |

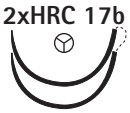
 6x3 mm, Firm | M box of 6 pieces | C box of 36 pieces | B box of 24 pieces

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle** | | | | | | |
| HR 48 | 1 | 4 | 75 cm | green | Easyslide | C0026080 |
| | 2 | 5 | 75 cm | green | Easyslide | B0026182 |
| | 3 | 6 | 75 cm | white | Easyslide | B0027082 |
| **3/8 circle round bodied needle with short cutting point** | | | | | | |
| DRC 18 | 3/0 | 2 | 75 cm | green | CV Pass | C0026274 |
| **1/2 circle round bodied needle with short cutting point** | | | | | | |
| | 4/0 | 1,5 | 90 cm | green | CV Pass | C0026304 |
| | 3/0 | 2 | 90 cm | green | CV Pass | C2026305 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C2026250 |
| | 2/0 | 3 | 75 cm | white | CV Pass | C2027656 |
| | 2/0 | 3 | 75 cm | green | CV Pass 6x3 mm, Firm | C2026248 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C0026250 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass | M0027722 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 3x3 mm, Firm | M0027738 |
| 2xHRC 17 | 2/0 | 3 | 4 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027628 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027723 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026306 |
| | 2/0 | 3 | 90 cm | green | CV Pass 6x3 mm, Firm | C2026308 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026306 |
| | 2/0 | 3 | 8 x 90 cm | green/ white | CV Pass 6x3 mm, Firm | M0027863 |
| | 0 | 3,5 | 4 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027579 |

| 3x3 mm, Firm | 6x3 mm, Firm | C box of 36 pieces | B box of 24 pieces | M box of 6 pieces |
|---|---|---|---|---|

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle with short cutting point** | | | | | | |
|  | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack 6x3 mm, Firm | M0027259 |
| | 0 | 3,5 | 4 x 75 cm | green/ white | CV Pass Easyblack 6x3 mm, Firm | M0027580 |
|  | 2/0 | 3 | 4 x 90 cm | green/ white | Easyslide | M0027066 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | Easyslide 6x3 mm, Firm | M0027067 |
|  | 2/0 | 3 | 90 cm | green | CV Pass | C2026323 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026323 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | CV Pass | M0027603 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | CV Pass 6x3 mm, Firm | M0027617 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | Easyslide | M0027615 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | Easyslide 6x3 mm, Firm | M0027004 |
| | 0 | 3,5 | 4 x 90 cm | green/ white | Easyslide | M0027610 |
| | 0 | 3,5 | 4 x 90 cm | green/ white | Easyslide 6x3 mm, Firm | M0027618 |
|  | 2/0 | 3 | 75 cm | green | CV Pass | C0026302 |
| | 0 | 3,5 | 75 cm | green | CV Pass | C0026459 |
|  | 2/0 | 3 | 120 cm | green | CV Pass Easyblack | C2026955 |

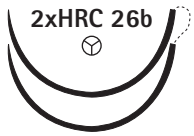
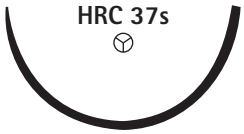
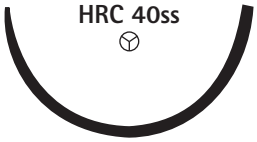
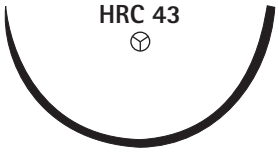
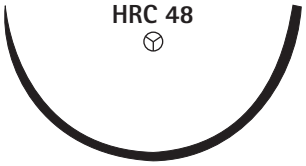
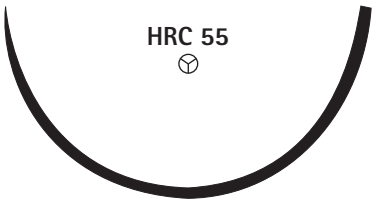
 6x3 mm, Firm | M box of 6 pieces | C box of 36 pieces

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle with short cutting point** | | | | | | |
| | 3/0 | 2 | 90 cm | green | CV Pass | C2026312 |
| | 2/0 | 3 | 75 cm | green | CV Pass | C2026316 |
| | 2/0 | 3 | 75 cm | green | CV Pass 6x3 mm, Firm | C2026319 |
| | 2/0 | 3 | 4 x 75 cm | green/ white | CV Pass | M0027371 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass | M0027791 |
| | 2/0 | 3 | 4 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027543 |
| | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass 6x3 mm, Firm | M0027792 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C2026313 |
| | 2/0 | 3 | 90 cm | white | CV Pass | C2027326 |
|   | 2/0 | 3 | 90 cm | green | CV Pass 6x3 mm, Firm | C2026318 |
| | 2/0 | 3 | 90 cm | green | CV Pass | C0026313 |
| | 2/0 | 3 | 90 cm | white | CV Pass | C0027326 |
| | 2/0 | 3 | 4 x 90 cm | green/ white | CV Pass 6x3 mm, Firm | M0027685 |
| | 2/0 | 3 | 8 x 90 cm | green/ white | CV Pass 6x3 mm, Firm | M0027660 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C2026317 |
| | 0 | 3,5 | 4 x 75 cm | green/ white | Easyslide | M0027925 |
| | 0 | 3,5 | 4 x 75 cm | green/ white | Easyslide 6x3 mm, Firm | M0027859 |
| | 0 | 3,5 | 90 cm | green | Easyslide | C2026419 |
| | 0 | 3,5 | 90 cm | green | Easyslide | C0026419 |
| | 0 | 3,5 | 4 x 90 cm | green/ white | Easyslide | M0027686 |
| | 0 | 3,5 | 4 x 90 cm | green/ white | Easyslide 6x3 mm, Firm | M0027687 |

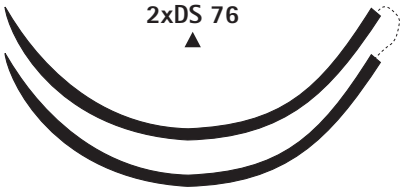
| | | |
|---|---|---|
| 6x3 mm, Firm | C box of 36 pieces | M box of 6 pieces |

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle with short cutting point** | | | | | | |
| 2xHRC 26b  | 2/0 | 3 | 8 x 75 cm | green/ white | CV Pass Easyblack 6x3 mm, Firm | M0027451 |
| HRC 37s  | 0 | 3,5 | 75 cm | green | Easyslide | C0026478 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026216 |
| HRC 40  | 2 | 5 | 75 cm | green | Easyslide | C0026260 |
| HRC 40ss  | 2 | 5 | 75 cm | green | Easyslide | C0026229 |
| HRC 43  | 2 | 5 | 4 x 75 cm | green | Easyslide | B0026247 |
| HRC 48  | 2 | 5 | 75 cm | green | Easyslide | B0026258 |
| | 5 | 7 | 75 cm | green | Easyslide | G0026259 |
| HRC 55  | 5 | 7 | 75 cm | green | Easyslide | G0026262 |
| | 5 | 7 | 4 x 75 cm | green | Easyslide | G0026114 |
| **Hook round bodied needle with short cutting point** | | | | | | |
| JRC 30s  | 1 | 4 | 75 cm | green | Easyslide | C0026987 |

 6x3 mm, Firm | **M** box of 6 pieces | **C** box of 36 pieces | **B** box of 24 pieces | **G** box of 12 pieces

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle round bodied needle with sternum point** | | | | | | |
| HRS 48  | 2 | 5 | 4 x 75 cm | green | Standard needle | B0026767 |
| | 5 | 7 | 4 x 75 cm | green | Standard needle | G0026702 |
| **3/8 circle reverse cutting needle** | | | | | | |
| DS 19  | 4/0 | 1,5 | 45 cm | green | Easyslide | C0026552 |
| | 3/0 | 2 | 45 cm | green | Easyslide | C0026553 |
| | 3/0 | 2 | 75 cm | green | Easyslide | C0026232 |
| | 2/0 | 3 | 45 cm | green | Easyslide | C0026554 |
| | 2/0 | 3 | 75 cm | green | Easyslide | C0026233 |
| DS 24  | 3/0 | 2 | 75 cm | green | Easyslide | C0026515 |
| | 2/0 | 3 | 45 cm | green | Easyslide | C0026190 |
| | 2/0 | 3 | 75 cm | green | Easyslide | C0026516 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026517 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026518 |
| DS 30  | 2/0 | 3 | 75 cm | green | Easyslide | C0026531 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026532 |
| | 0 | 3,5 | 90 cm | green | Easyslide | C0026537 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026533 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026534 |
| DS 35  | 0 | 3,5 | 75 cm | green | Easyslide | C0026282 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026283 |
| DS 39  | 0 | 3,5 | 75 cm | green | Easyslide | C0026330 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026331 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026332 |
| 2xDS 76  | 5 | 7 | 75 cm | green | Easyslide | B0026223 |
| **1/2 circle reverse cutting needle** | | | | | | |
| HS 26  | 3/0 | 2 | 75 cm | green | Easyslide | C0026420 |
| | 2/0 | 3 | 75 cm | green | Easyslide | C0026421 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026423 |

**B** box of 24 pieces | **G** box of 12 pieces | **C** box of 36 pieces

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **1/2 circle reverse cutting needle** | | | | | | |
| HS 30 | 2/0 | 3 | 75 cm | green | Easyslide | C0026541 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026542 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026543 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026544 |
| HS 37 | 0 | 3,5 | 75 cm | green | Easyslide | C0026471 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026472 |
| HS 37s | 0 | 3,5 | 75 cm | green | Easyslide | C0026467 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026468 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026469 |
| HS 40 | 1 | 4 | 75 cm | green | Easyslide | C0026479 |
| | 2 | 5 | 75 cm | green | Easyslide | C0026480 |
| | 3 | 6 | 75 cm | green | Easyslide | B0026481 |
| | 5 | 7 | 75 cm | green | Easyslide | B0026482 |
| HS 40s | 2 | 5 | 75 cm | green | Easyslide | C0026390 |
| HS 48 | 1 | 4 | 75 cm | green | Easyslide | C0026375 |
| | 3 | 6 | 75 cm | green | Easyslide | B0026377 |
| | 5 | 7 | 75 cm | green | Easyslide | B0026399 |
| HS 60 | 5 | 7 | 75 cm | green | Easyslide | B0026409 |
| **Straight reverse cutting needle** | | | | | | |
| GS 51 | 3/0 | 2 | 75 cm | green | Easyslide | C0026505 |
| | 2/0 | 3 | 75 cm | green | Easyslide | C0026506 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026507 |
| | 1 | 4 | 75 cm | green | Easyslide | C0026508 |
| | 2 | 5 | 75 cm | green | Easyslide | B0026509 |
| GS 60 | 2/0 | 3 | 75 cm | green | Easyslide | C0026315 |

**C** box of 36 pieces | **B** box of 24 pieces

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **Straight reverse cutting needle** | | | | | | |
| GS 65 ▲ | 2/0 | 3 | 75 cm | green | Easyslide | C0026287 |
| | 0 | 3,5 | 75 cm | green | Easyslide | C0026288 |
| **1/4 circle Lancet needle with micro-point** | | | | | | |
| 2xVLM 8 | 5/0 | 1 | 45 cm | white | Easyslide | G0027115 |
| **Ligatures** | | | | | | |
| | 4/0 | 1,5 | 5 x 45 cm | green | | C0120101 |
| | 4/0 | 1,5 | 10 x 45 cm | green | | C0120006 |
| | 3/0 | 2 | 3 x 45 cm | green | | C0120092 |
| | 3/0 | 2 | 5 x 45 cm | green | | C0120102 |
| | 3/0 | 2 | 10 x 45 cm | green | | C0120007 |
| | 3/0 | 2 | 10 x 60 cm | green | | C0120016 |
| | 3/0 | 2 | 10 x 75 cm | green | | C0120020 |
| | 3/0 | 2 | 150 cm | green | | C0120026 |
| | 3/0 | 2 | 250 cm | green | | G0120060 |
| | 2/0 | 3 | 3 x 45 cm | green | | C0120093 |
| | 2/0 | 3 | 5 x 45 cm | green | | C0120103 |
| | 2/0 | 3 | 10 x 45 cm | green | | C0120008 |
| | 2/0 | 3 | 17 x 45 cm | green | | C0120051 |
| | 2/0 | 3 | 10 x 60 cm | green | | C0120017 |
| | 2/0 | 3 | 2 x 75 cm | green | | C0120081 |
| | 2/0 | 3 | 5 x 75 cm | green | | C0120120 |
| | 2/0 | 3 | 10 x 75 cm | green | | C0120021 |
| | 2/0 | 3 | 150 cm | green | | C0120027 |
| | 2/0 | 3 | 250 cm | green | | G0120061 |
| | 0 | 3,5 | 3 x 45 cm | green | | C0120094 |
| | 0 | 3,5 | 5 x 45 cm | green | | C0120104 |
| | 0 | 3,5 | 10 x 45 cm | green | | B0120009 |
| | 0 | 3,5 | 2 x 75 cm | green | | C0120082 |
| | 0 | 3,5 | 5 x 75 cm | green | | C0120121 |
| | 0 | 3,5 | 10 x 75 cm | green | | B0120022 |
| | 0 | 3,5 | 150 cm | green | | C0120028 |
| | 0 | 3,5 | 250 cm | green | | G0120062 |

**C** box of 36 pieces | **G** box of 12 pieces | **B** box of 24 pieces

# PremiCron®

## Non-absorbable braided and coated suture made of polyester fibres

| Needle length (mm) | USP | EP | Thread length cm | Thread Colour | Additional Details | Cat. No. |
|---|---|---|---|---|---|---|
| **Ligatures** | | | | | | |
| | 1 | 4 | 3 x 45 cm | green | | C0120095 |
| | 1 | 4 | 5 x 45 cm | green | | B0120105 |
| | 1 | 4 | 10 x 45 cm | green | | B0120010 |
| | 1 | 4 | 2 x 75 cm | green | | C0120083 |
| | 1 | 4 | 5 x 75 cm | green | | B0120122 |
| | 1 | 4 | 150 cm | green | | C0120029 |
| | 1 | 4 | 250 cm | green | | G0120063 |
| | 2 | 5 | 3 x 45 cm | green | | C0120096 |
| | 2 | 5 | 5 x 45 cm | green | | B0120106 |
| | 2 | 5 | 10 x 45 cm | green | | B0120011 |
| | 2 | 5 | 2 x 75 cm | green | | C0120084 |
| | 2 | 5 | 5 x 75 cm | green | | B0120123 |
| | 2 | 5 | 150 cm | green | | C0120030 |
| | 2 | 5 | 250 cm | green | | G0120064 |
| | 3 | 6 | 3 x 45 cm | green | | C0120097 |
| | 3 | 6 | 2 x 75 cm | green | | B0120085 |
| | 3 | 6 | 150 cm | green | | B0120031 |
| | 3 | 6 | 150 cm | white | | B0102035 |
| | 3 | 6 | 250 cm | green | | G0120065 |
| | 5 | 7 | 250 cm | green | | G0120067 |

**C** box of 36 pieces | **B** box of 24 pieces | **G** box of 12 pieces

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