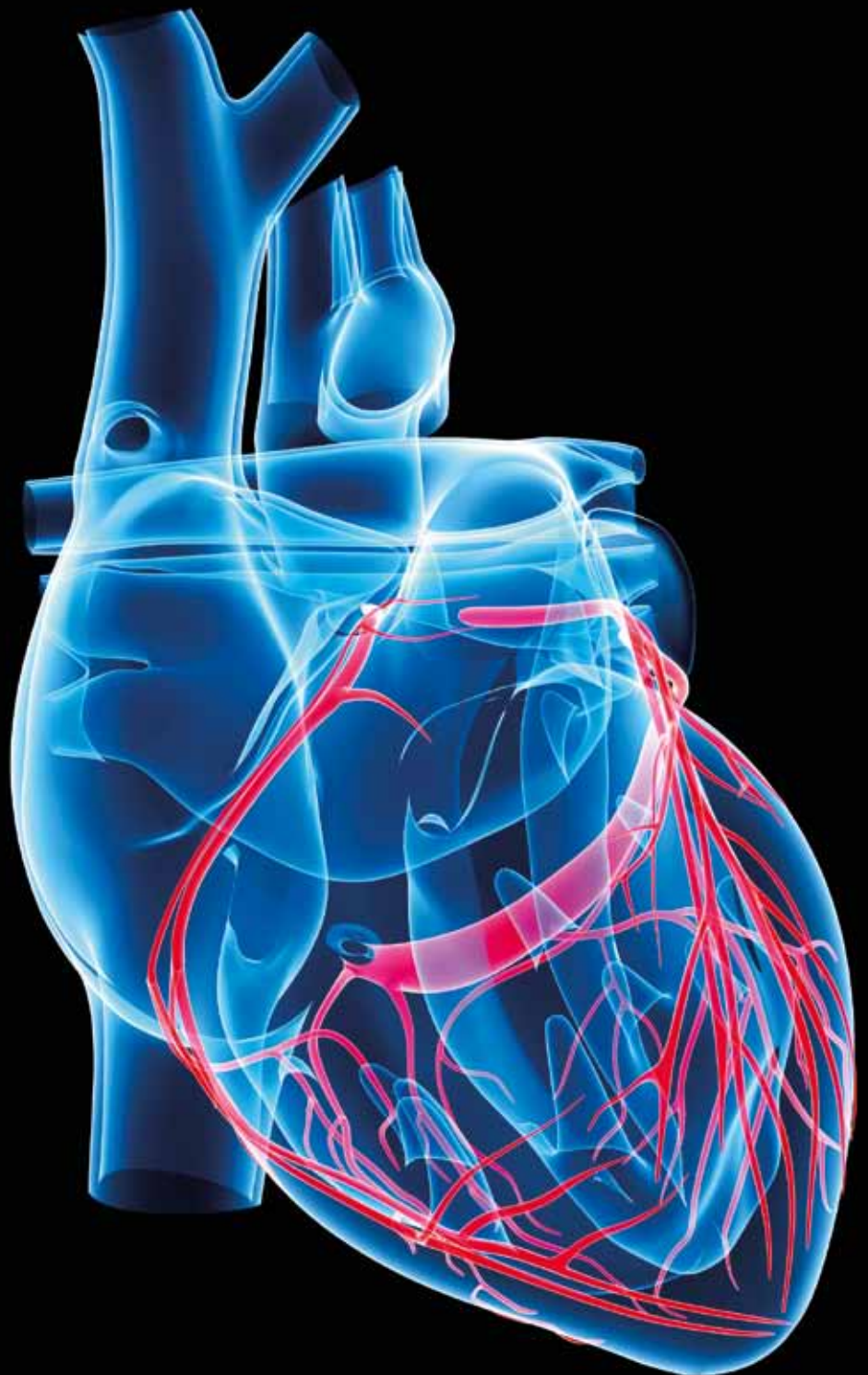


Surgical sutures for

# BYPASS SURGERY

Surgical  
sutures



**150**  
YEARS  
1866 - 2016



**SERAG**  
**WIESSNER**



## High-tech and hand-crafted

Decades of experience and state of the art production technology

Reliability and precision

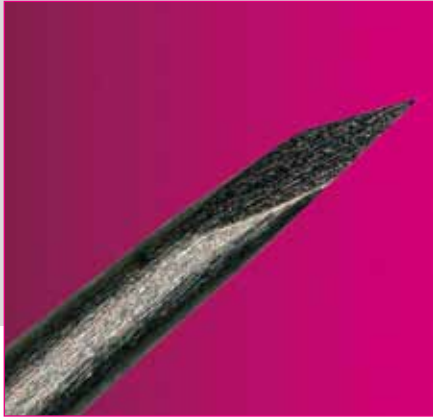
Wide range of high-quality suture materials

As the oldest German manufacturer of surgical suture material, SERAG-WIESSNER uniquely combines experience with the most up-to-date medical expertise. The manufacture of sterile suture material of animal origin began over a hundred years ago.

The production of surgical suture materials is marked by the contrast between the most up-to-date production technologies and a high proportion of manual production processes. At SERAG-WIESSNER, the needle-suture combinations are packed and sterilised in controlled cleanrooms using computer-controlled production machines and facilities. At the same time, many production stages require the sensitive and reliable craftsmanship of employees with many years of experience. In order to guarantee a consistent high quality, SERAG-WIESSNER maintains a certified

quality management system pursuant to the international standard DIN EN ISO 13485.





## The new needle line: VASCUPRIME® Quality that goes above and beyond the point

Optimal surgical results are achieved through the interaction between professional expertise and technical competence. With its new VASCUPRIME® needle line, SERAG-WIESSNER offers a tool for improved suture technique, especially in bypass surgery. The particularly high-quality steel (300 Series stainless steel), a new type of needle geometry and the perfected final finish allow easier handling and a finer appearance of the suture line. The

insertion characteristic is significantly more precise, traumatization of the tissue is reduced and the risk of puncture-hole bleeding is minimalised. This newly developed product also convinces with its increased bending force with approximately 30% less tissue trauma\*. All these qualities make the VASCUPRIME® a top product in the needle market segment.

\* in comparison with competitive products

## Striking advantages

Optimised handling

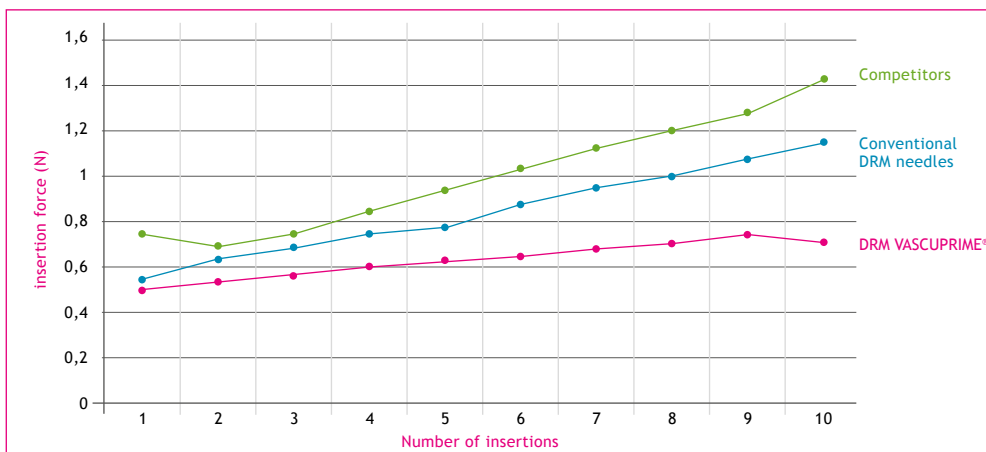
Improved needle  
geometry

Refined appearance of  
the suture line

Less tissue trauma

Increased bending force

Secure fit in the  
needle-holder



## SERALENE®

Sustained tensile strength

Knot-holding security

Almost no memory effects  
after stretching

Best results in vascular  
surgery

Minimal memory effects  
thanks to the long pack

SERALENE® is a non-absorbable suture that was developed especially for vascular surgery, because its smooth, pore-free surface guarantees optimum passage through tissues. The substance PVDF is related to PTFE. In comparison with polypropylene, SERALENE® has considerably higher long-term stability, i.e. the material stays unchanged in the body. This ensures the stability of the suture in the long term.

**Material**  POLYVINYLIDENE FLUORIDE

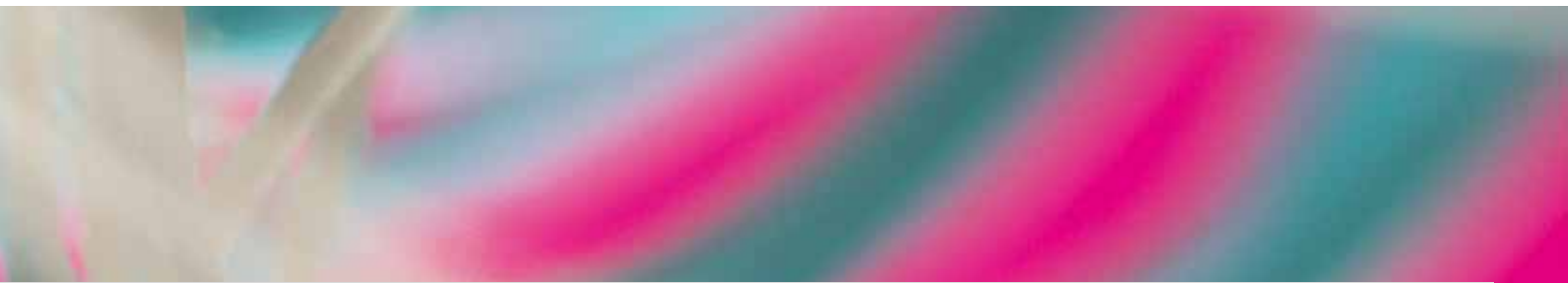
**Symbol**  blue, monofilament

**Size** USP 8/0 to 2  
EP 0,4 to 5

**Absorption  
profile** non-absorbable - inert



**Available  
combinations** Needed: DR / DRM / DRT / DRTA / DS / DSS / GR / GS /  
HR / HRT / HRX / HS / KS  
Single sutures / multipacks /  
Award-winning long packs

**Uses** Ligatures / vascular surgery / microsurgery / plastic surgery



SERAPREN® is a non-absorbable polypropylene suture, the tried and tested standard suture material in vascular surgery.

SERAPREN®

Material	 POLYPROPYLENE
Symbol	 blue, monofilament
Size	USP 8/0 to 1 EP 0,4 to 4
Absorption profile	non-absorbable
Available combinations	Needled: DR / DRM / DRT / DS / DSS / HR / HRT / HRX Single sutures / multipacks / long packs / intracutaneous sutures
Uses	Ligatures / vascular surgery / microsurgery / orthopaedics / plastic surgery

Very high tensile strength

Knot-holding security

Exceptionally well  
tolerated by the tissues

Minimal memory effects  
thanks to the long pack

## SERAMON®

SERAMON® is made entirely of polytetrafluoroethylene (PTFE). This fully fluorinated polymer is characterised by a very low coefficient of friction, i.e. the material slides very well compared to other materials and remains inert in the body.

### Optimal handling

Very low coefficient of friction = Extremely smooth passage through tissue

Particularly low tissue reactivity

Biologically inert

Anti-adhesive

Minimal memory


Very high knot tensile strength

Convincing softness

### Material

 POLYTETRAFLUOROETHYLENE

### Symbol

 undyed, monofilament

### Size

USP 7/0 to 2/0  
EP 0,5 to 3

### Absorption profile






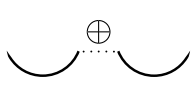
non-absorbable - inert

### Available combinations

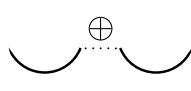
Needled: DR / DRT / DS / DSS / HR / HRT / HS  
single sutures with and without pledgets  
Chordae loops for mitral valve reconstruction

### Uses

vascular surgery / heart surgery / CMF

Needle		Material	Size/USP	Size/EP	Length of suture/metre	Units per box	Code number
DRM-6 + DRM-6		SERAPREN	8/0	0,4	1 x 0,60	24	CP0428V2
DRM-9		SERAPREN	7/0	0,5	1 x 0,75	24	CO0534V3
DRM-9 + DRM-9		SERAPREN	7/0	0,5	1 x 0,60	24	CP0528V3
		SERAPREN	7/0	0,5	1 x 0,75	24	CP0534V3
		SERAPREN	6/0	0,7	1 x 0,75	24	CP0734V3
		SERALENE	7/0	0,5	1 x 0,75	24	LP0534V3
		SERALENE	6/0	0,7	1 x 0,75	24	LP0734V3
DRM-12		SERALENE	6/0	0,7	1 x 0,75	24	LO0734V4
		SERALENE	5/0	1	1 x 0,75	24	LO1034V4
		SERALENE	4/0	1,5	1 x 0,75	24	LO1534V4
DRM-12 + DRM-12		SERAMON	6/0	0,7	1 x 0,90	24	MEP0744V4
		SERAMON	5/0	1	1 x 0,90	24	MEP1044V4
		SERALENE	6/0	0,7	1 x 0,75	24	LP0734V4
		SERALENE	5/0	1	1 x 0,75	24	LP1034V4
		SERALENE	5/0	1	1 x 0,90	24	LP1044V4
		SERAPREN	6/0	0,7	1 x 0,60	24	CP0728V4
		SERAPREN	6/0	0,7	1 x 0,75	24	CP0734V4
		SERAPREN	5/0	1	1 x 0,75	24	CP1034V4
SERAPREN	5/0	1	1 x 0,90	24	CP1044V4		

## LONG PACKS

DRM-12 + DRM 12		SERALENE	6/0	0,7	1 x 0,90	24	LP079VV4
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PRODUCT RANGE


NEEDLE SUTURE COMBINATIONS

**150**  
YEARS  
1866 - 2016





SERAG-WIESSNER GmbH & Co. KG  
Zum Kugelfang 8 - 12  
95119 Naila/Germany


 + 49 9282 937-0


 + 49 9282 937-9369

*Export Department:*

 + 49 9282 937-230

 + 49 9282 937-9785

 [info@serag-wiessner.de](mailto:info@serag-wiessner.de)

 [www.serag-wiessner.de](http://www.serag-wiessner.de)