

Safety in mitral valve reconstruction

**SERAMON®**

**CHORDAE LOOP**

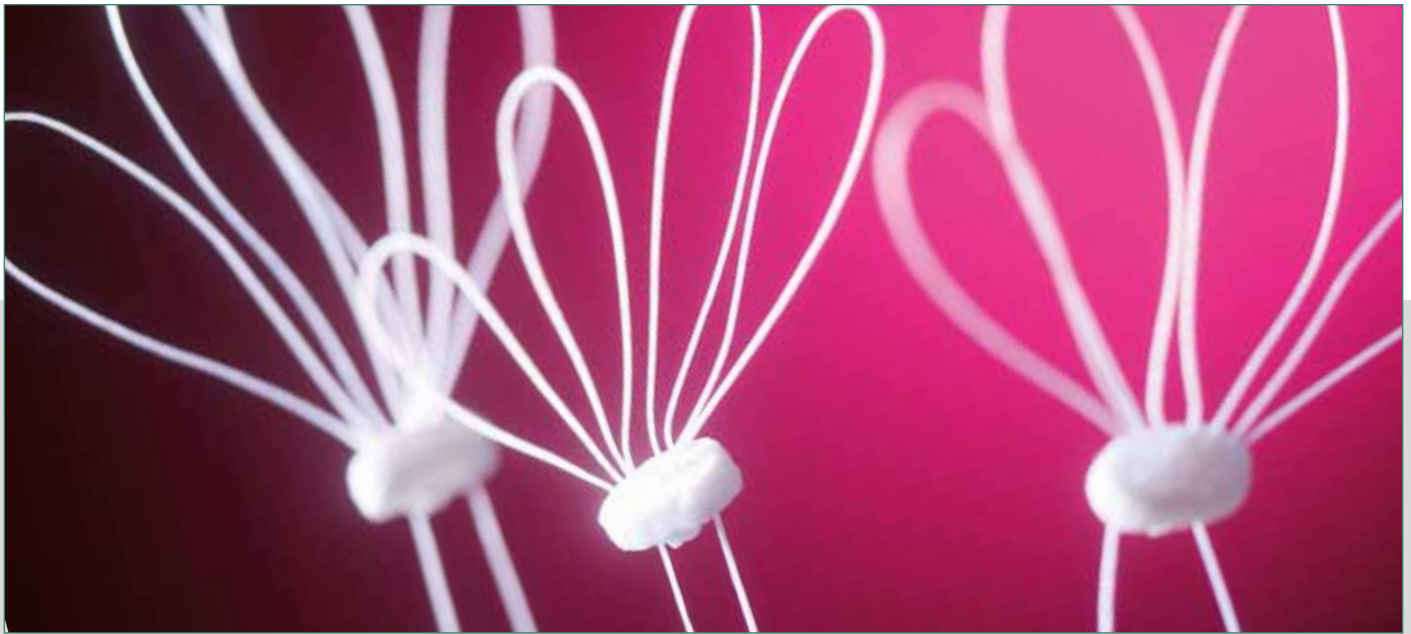
Surgical sutures



**150**  
YEARS  
1866 - 2016



**SERAG**  
**WIESSNER**



## CHORDAE LOOP made of PTFE

Ideal for mitral valve  
reconstruction

Innovative suture material  
made of PTFE  
(polytetrafluoroethylene)

Oval pledgets for a better,  
anatomical adaptation

Highest steel quality of the  
needles

Optimal, constant suture  
lengths - also suitable for  
large or adipose patients

SERAMON® CHORDAE LOOP is a non-absorbable implant for mitral valve reconstruction and repair of the chordae tendineae.

The prefabricated implant offers the highest level of safety as a result of exact, reproducible controls of all decisive variables such as loop length, loop strength and needle tear-off force.

The implant, based on a continuous PTFE suture, consists of four loops of equal length that are connected via a PTFE pledget. The pledget with a four-fold loop is sutured onto the papillary muscle, a second pledget serving as a support for the suture. The loops are attached with sutures.

The advantage of the SERAG-WIESSNER implant is that we only use the best quality for our implants:

- The needles are manufactured from 300 grade steel. That is the highest quality level for surgical steel.

- The SERAMON® suture material is made entirely of PTFE. It has a very low friction coefficient, is biologically inert and particularly tissue compatible.
- The material with a monofilament thread structure is also characterised by extreme flexibility, which markedly reduces thread memory and the risk of the thread kinking.
- The thread is extremely soft and supple, which makes for easy handling.
- The knots of the thread loops are sunk into the pledget in order to minimise flow resistance.
- The pledgets are made of pure PTFE felt and are individually processed manually to prevent fraying. They are oval in order to better adapt to anatomical conditions and prevent thromboses.

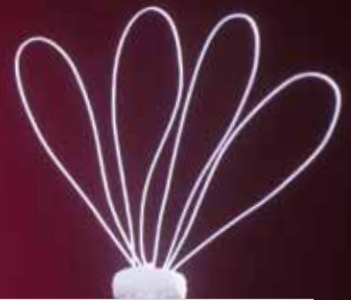
### Comparison of pledgets:



Pledget made  
by competitors



Pledget made  
by SERAG-WIESSNER



Opening the flap on the pack





Removing the needle and the loops



Removing the pledget from the pack

## SERAMON® CHORDAE LOOP product range

Needle	Material	Size of pledget/mm	Size/USP	Size/EP	Length of suture/metres	Loop size/mm	Units per box	Code number
DR-15 +DR-15 	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 10	6	MECL10B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 12	6	MECL12B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 14	6	MECL14B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 16	6	MECL16B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 18	6	MECL18B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 20	6	MECL20B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 22	6	MECL22B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 24	6	MECL24B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 26	6	MECL26B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 28	6	MECL28B
	SERAMON undyed	6 x 3 x 1	3/0	2	2 x 0.45	4 x 30	6	MECL30B
	HR-17 +HR-17 	SERAMON undyed	6 x 3 x 2	3/0	2	2 x 0.45	4 x 10	6
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 12	6	MECL12A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 14	6	MECL14A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 16	6	MECL16A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 18	6	MECL18A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 20	6	MECL20A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 22	6	MECL22A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 24	6	MECL24A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 26	6	MECL26A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 28	6	MECL28A
SERAMON undyed		6 x 3 x 2	3/0	2	2 x 0.45	4 x 30	6	MECL30A

## Sutures for attaching the loops

HR-17 	SERAMON undyed	-	3/0	2	1 x 0.90	-	24	MEO20441C
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Other articles and combinations on request!


Please ask for further information on SERAMON® suture material and visit the respective pages on our website.

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