

Flexible - slim - but very resilient

# SERATEX® SlimSling®

Textile  
implants



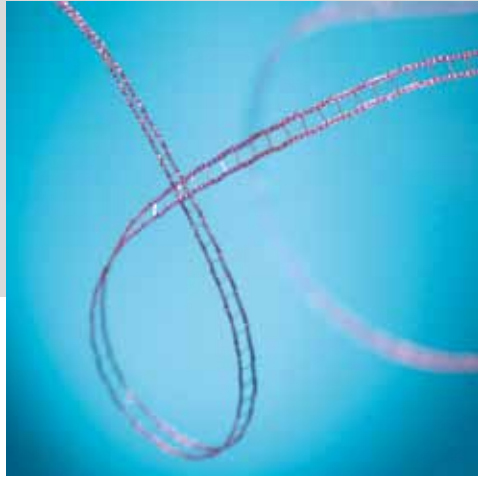
Unique combination of textile  
tape implant  
and atraumatic  
needle



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## Adapted to the body

Innovative development of suture material and textile implant

Resilient to tension and pressure

Elastic and stable

Causes minimal trauma

### Novel implant

Working together with medical experts, our textile engineers have succeeded in producing SERATEX® SlimSling®, a unique combination of suture material and textile implant. The aim of this novel implant was to mimic the properties of the body's natural tissues as closely as possible and thereby create new possibilities for use by surgeons. SERATEX® SlimSling® is visible on MRI scans, and is available as a partially absorbable or non-absorbable implant.

The large pores allow fibroblasts to grow through the implant. When stretched, it gives in a controlled manner and then returns to its original shape. The implant holds its shape even under lateral pressure.

### Mimics the body's natural structures

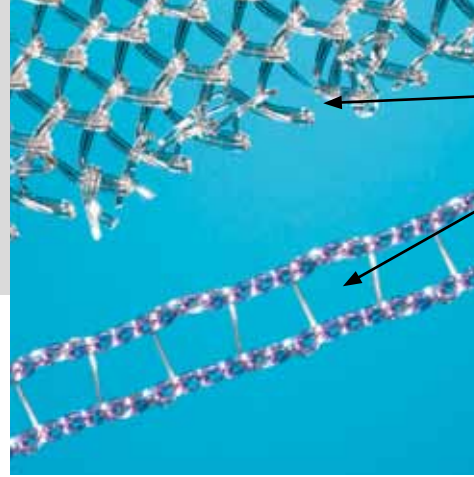
SERATEX® SlimSling® mimics natural ligaments and therefore adapts perfectly to anatomical structures.

One advantage of this novel combination is that the textile implant is already fixed to an atraumatic HRX needle made of stainless steel. Its slim fit allows minimally invasive procedures with minimal tissue trauma. A further feature of SERATEX® SlimSling® is its resilience to stretch and pressure so that it holds its shape even under stress while still remaining flexible.

### Indications

SERATEX® SlimSling® is used for prolapse and in cases of urge incontinence, when the functionality of the ligaments is no longer sufficiently guaranteed.

In cervicosacropexy, for example, the cervix is attached to the sacral bone,



*Compare:*

*Cut edge of standard material (the implant no longer holds its shape)*

*SERATEX® SlimSling (no cutting is necessary; the implant holds its shape)*

mimicking the function of the uterosacral ligament. Tightening up the anterior wall of the vagina provides support for the bladder and brings it back into the correct anatomical position. A further option is to use the SERATEX® SlimSling® for transvaginal colposuspension.

### Further possibilities for use:

- Urge incontinence due to prolapse
- To eliminate the causes of central prolapse by sacrocolpopexy, sacrohysteropexy or pectopexy
- Transvaginal colposuspension (TVC)

### Advantages of SERATEX® SlimSling®

- Due to the stability of SERATEX® SlimSling® in combination with the SERAPRO® RTD reusable tunnelling device, the tape can be tunnelled beneath the peritoneum. This pro-

cedure obviates the need for a large opening in the peritoneum and its subsequent closure.

- The unique combination of needle and textile implant allows completely new surgical techniques.
- SERATEX® SlimSling® is visible on MRI scans.
- The material used for SERATEX® SlimSling® is produced in this width and does not have to be cut. It can be tied and behaves in a similar way to suture material.
- It does not, however, cut into tissue like a suture thread, but offers an area of support.
- The slim SERATEX® SlimSling® tape implant introduces minimal foreign material.

### Plus points for the patients

- Minimal foreign body component with optimal pore size
- Integrates completely into the body matrix
- The tape implant holds its shape while still remaining flexible
- Minimal trauma due to the optimal fit of the needle and textile tape
- Improved wider area of support

For more information, go to our video portal:



[www.serag-wiessner.de/en/nc/service/video-portal/](http://www.serag-wiessner.de/en/nc/service/video-portal/)


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