

## Pre-pectoral breast reconstruction with TiLOOP® Bra Pocket: a single center prospective study

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### Method

Between August 2017 and January 2018, 18 patients were enrolled in this prospective study. The patients were diagnosed with breast cancer or a genetic predisposition (BRCA1 or BRCA2 mutation). They underwent mastectomy and pre-pectoral breast reconstruction with the titanised mesh TiLOOP® Bra Pocket and an expander or an implant.

#### Endpoints:

- ▶ Peri- and postoperative complications
- ▶ Capsular contracture rate evaluated by Baker scale
- ▶ Recording the time for intraoperative positioning of the implant

The mean follow-up was 12 months.

### Short implantation time\*

- ▶ Average implantation time: 4 minutes (range: 3-10 min.)
- ▶ Fast positioning of the implant due to ready-to-use mesh pocket
- ▶ Thereby: short exposure time to sources of contamination



\*Time for positioning the implant in the TiLOOP® Bra Pocket and for the fixation on the musculus pectoralis major

### Results

- ▶ From a total of 18 patients included in the study, seven patients underwent nipple-sparing mastectomy and eleven patients skin-sparing mastectomy.
- ▶ A total of 22 TiLOOP® Bra Pockets were implanted.
- ▶ Complications were reported in three patients. Types of complications: seromas in two patients, a wound healing disorder/wound dehiscence in one patient.
- ▶ No clinically significant capsular contractures (Baker grade III and grade IV) occurred.

## Conclusion

The pre-pectoral breast reconstruction with the titanised mesh TiLOOP® Bra Pocket allows a short implantation time and thus leads to a short exposure time to sources of contamination. The short implantation time shows the simple and efficient use of the TiLOOP® Bra Pocket.

## References

Further information:

[www.pfmmedical.com/meshimplants-professionals](http://www.pfmmedical.com/meshimplants-professionals)



PubMed:

[www.ncbi.nlm.nih.gov/pubmed/32096179](http://www.ncbi.nlm.nih.gov/pubmed/32096179)

## Contact

Should you have any questions our Regulatory and Clinical Affairs Team will be glad to assist you.

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