

Study summary
Pre-pectoral breast reconstruction with TiLOOP® Bra Pocket

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

▶ *Lo Torto F., Marcasciano M., Kaciulyte J., Redi U., Barellini L., De Luca A., Perra A., Frattaroli J.M., Cavalieri E., Di Taranto G., Greco M., Casella D. European Review for Medical and Pharmacological Sciences. 24(3):991-999, 2020*

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



PubMed:

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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