

90: TECHNIQUE TO IMPLANT THE NEW ARTIFICIAL URINARY SPHINCTER VICTO+

Tobias S. Pottek¹ Wilhelm A. Huebner²

¹Vivantes Klinikum Am Urban Berlin Germany ²Klinikum Korneuburg Vienna Austria

HYPOTHESIS / AIMS OF STUDY

The new artificial urinary sphincter VICTO is a preconnected device to treat male post-prostatectomy incontinence which has a urethral cuff, a scrotal pump, a pressure regulating balloon and in case of VICTO+ a second stress relief balloon. The system is delivered completely connected and has to be evacuated and filled with saline solution in the OR. It was not clear, how to implant the whole system being preconnected between the abdominal and the perineal access.

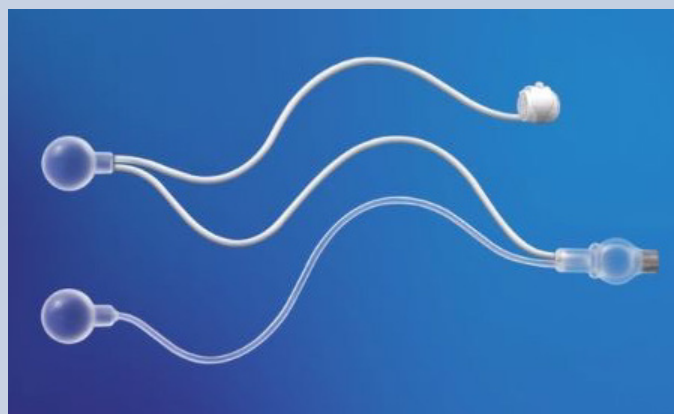
STUDY DESIGN, MATERIALS AND METHODS

We implanted the system in 28 consecutive cases in the time between 01/2017 and 01/2018. The urethra is mobilised via perineal access. After complete surrounding the size is measured and an appropriate implant chosen. The system is filled with saline solution and the last air bubble is evacuated. A second incision is performed in projection of McBurney's point and a subcutaneous tunnel to the perineal incision is carved. This tunnel is penetrated from perineal with a plastic tube for endoscopic cameras armed with a long dressing forceps. Into this tunnel the cuff is placed from above and then placed around urethra at the appropriated place. Balloons are placed into the abdominal space, the pump into the scrotum.

RESULTS

In the postoperative phase we did not see any side effects or unexpected events. There had been no hematoma, afterbleedings, arrosions or infections in the follow-up time between 2 to 11 months.

VICTO+



INTERPRETATION OF RESULTS

Long time results have to be expected.

CONCLUSIONS

Implantation of VICTO+ is a safe and secure procedure to treat post-prostatectomy incontinence.

REFERENCES

- Kretschmer A, Hüscher T, Pottek T et al.: Efficacy and safety of the ZSI375 artificial urinary sphincter for male stress urinary incontinence: lessons learned. World J Urol (2016) 34: 1457
- Kretschmer A, Hüscher T, Pottek T et al: Complications and Short-Term Explantation Rate Following Artificial Urinary Sphincter Implantation: Results from a Large Middle European Multi-Institutional Case Series. Urol Int 2016;97:205-211
- Hüscher T, Kretschmer A, Pottek T et al: Risk Factors for Failure of Male Slings and Artificial Urinary Sphincters: Results from a Large Middle European Cohort Study. Urol Int 2017;99:14-21