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1. *UNICAMP*

MALE BULBOURETHRAL SLING WITH TISSUE FIXATION SYSTEM (TFS): AN OPTION TO URINARY INCONTINENCE DUE TO INTRINSIC SPHINCTER DEFICIENCY

Synopsis of Video
This video shows the implantation of a novel model of male sling (TFS- Tissue Fixation System) to treat sphincteric insufficiency after radical prostatectomy.

Hypothesis / aims of study
Urinary incontinence has the most negative impact on the Quality of Life after radical prostatectomy. This video shows a patient with stress urinary incontinence after radical prostatectomy who was submitted to a new model of male sling: Tissue Fixation System.

Study design, materials and methods
Five patients with urinary incontinence due to intrinsic sphincter deficiency after radical prostatectomy were submitted to male bulbourethral sling with Tissue Fixation System.
The patient was placed in lithotomy position. Initially a cystoscopy was done to evaluate the absence of urethral stricture. A perineal incision was made, followed by subcutaneous dissection. The bulbocavernous muscle was divided at the midline to expose the urethra. The crural regions were dissected and widely exposed to identify the inferior ischiou pubic ramous. A special tool was inserted into the pelvis (levator anus muscle) toward the homolateral shoulder on each side of bulbar urethra. This special tool had a self anchoring device which becomes attached to a mesh of multifilament macrospore polypropylene, and was positioned over the bulbar urethra. The self anchoring devices makes it possible to adjust the tension necessary to occlude the urethra. The tension applied was the minimal necessary to keep the urethra coapted, defined during examination of urethra with a urethroscope.

Results
The initial report, after three months, showed four patients were continent (80%). There were no urethral erosion, infection or other major complication.

Interpretation of results
This novel model of sling has good result at our initial experience.

Concluding message
The Tissue Fixation System could become a sling option to treat male urinary incontinence due to intrinsic sphincter deficiency. However, in order to make definitive conclusions long term results are necessary.

Specify source of funding or grant	**none**
Is this a clinical trial?	**No**
What were the subjects in the study?	**HUMAN**
Was this study approved by an ethics committee?	**Yes**
Specify Name of Ethics Committee	**Ethical Committee of Universidade Estadual de Campinas**
Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**