

TVT-HYBRID SLING:

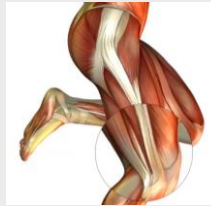
A unique combination for effective treatment of stress incontinence in complex urological patients.

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HYPOTHESIS / AIMS

- **Stress Urinary Incontinence (SUI)** in female population:
→ **Tension-free Vaginal Tape (TVT)**
- Risk: erosion, bladder injury, voiding dysfunction, AUR ...
- **Intermittent Self-Catheterisation (ISC)** population:
→ Innovative approach needed: **autologous** materials
→ Maintaining treatment efficacy: **tension-free**



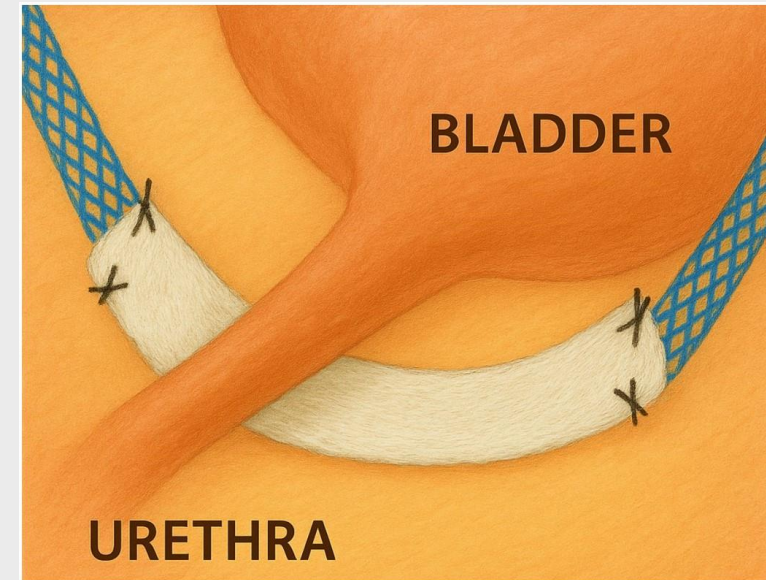
RESULTS & INTERPRETATION

- **Reduction in SUI symptoms**
- **Decrease in need for ISC**
- **Operating time decreased from 95 minutes to 50 minutes**
→ **Fast learning curve**

Post-operative outcomes	N=13, n(%) or median (IQR)
Follow-up time (weeks)	4 (4-5)
Treatment success	10 (76,9)
Resolution SUI symptoms	10 (76,9)
Decreased Pads/day for SUI	9 (69,2)
Pads/day for SUI	0 (0-3)
Need for intermittent self-catheterisation (ISC)	7 (53,8)
ISC frequency per day	4 (3-5)
Post-operative pain	2 (15,4)
VAS-Score	0 (0-2)
Postoperative Storage LUTS	7 (53,8)
Re-intervention	3 (23,1)
Placement of suprapubic catheter (SPS)	2 (15,4)
Intravesical onabotulinumtoxinA injections	1 (7,7)

STUDY DESIGN & METHODS

- **Retrospective, monocentric** study
- TVT Hybrid:
 - Tensor fascia lata muscle tendon (**central**)
 - Synthetic TVT-mesh (**lateral arms**)
- **Treatment success:**
 - Resolution of subjective SUI complaints
 - Reduction in incontinence pads/day



CONCLUDING MESSAGE

- TVT Hybrid = **safe** and **promising** for complex SUI female patients.
- Intrinsic sphincter deficiency (ISD) >> urethral hypermobility (**SUI differentiation**)
- **Long-term effectiveness** needs to be examined

