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COMBINED INFLATABLE PENILE PROSTHESIS WITH MINI-JUPETTE: PATIENT SELECTION AND STEP-BY-STEP SURGICAL TECHNIQUE

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Objectives: Radical prostatectomy for prostate cancer often leads to long-term sequelae like stress urinary incontinence (SUI) and erectile dysfunction (ED), affecting patient quality of life. Surgical options for SUI include artificial urinary sphincters and male slings, while the inflatable penile prosthesis (IPP) is recommended for ED when conservative therapies fail. For patients with mild SUI and/or climacturia, combining IPP surgery with a mini-jupette can offer an integrated solution. This adjunct to IPP surgery involves a graft sutured between the medial borders of the corporotomies, resembling a "mini-skirt"—hence the name "mini-jupette" (French for "mini-skirt").

Methods: In this video abstract, we discuss the patient selection and surgical technique. A step-by-step surgical demonstration is provided, using the single transverse penoscrotal incision, localization of the corporotomies, measurements and preparation of the mesh, suturing the mesh, placement of the IPP, and demonstrating the intraoperative effect. The postoperative follow-up is also discussed. Literature review was done using PubMed.

Results: Postoperative follow-up includes partial inflation of the prosthesis for 24 hours to aid haemostasis, with a transurethral catheter in place during this period. Weekly outpatient appointments with a specialized nurse are scheduled to monitor for early complications, with the first use of the IPP at six weeks postoperative. Results from multiple studies demonstrate the effectiveness of the mini-jupette procedure. A multi-centre pilot study reported climacturia improvement in 78.6% of patients, with complete resolution in 67.9%, and SUI improvement in 89.3%, with complete resolution in 75%. (1).

Conclusions: The combined IPP with mini-jupette is a feasible and effective procedure for managing ED and mild SUI and/or climacturia. Long-term prospective studies are needed to confirm these findings.

Conflicts of Interest: None.

Reference

1. Yafi FA, Andrianne R, Alzweri L, et al. Andrianne Mini-Jupette Graft at the Time of Inflatable Penile Prosthesis Placement for the Management of Post-Prostatectomy Climacturia and Minimal Urinary Incontinence. J Sex Med. 2018;15: 789-96.