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Video
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Title (Type in
CAPITAL
LETTERS)TVT FOR SURGICAL TREATMENT OF FEMALE URINARY
INCONTINENCE.

AIMS OF STUDY: The object was to evaluate the results the safety and efficacy of TVT (tension free vaginal tape) for the surgical treatment of female stress urinary incontinence as a day surgery.

PATIENTS AND METHODS: TVT was performed on 12 patients the mean age was 55 year (range 40-65) mean parity 3 (range 0-4). All patients preoperatively underwent a complete urogynecological workup(Q tip-test vaginal profile Pad test, urodynamic investigation and urethrocytoscopy). The surgical procedure was carried out under epidural anesthesia. All the patients showed SUI mean grade II (according to the Ingelman-Sundberg scale) and urethra hypermobile. Postmenopausal patients were taking systemic or local estrogen therapy.

RESULTS: No significant intra or post operative complications occurred no patients had bleeding only one bladder perforation occurred. Mean operation time was 20 minutes (range 16-40 minutes). The foley catheter was removed after 3-4 hours after the procedure, while in the patients with bladder perforation we put on indwelling catheter for 2 days. All patients were able to be released from hospital in the morning the day after the procedure. At 1 month and 3 months followup all patients were completely dry. At 6 months followup 10 patients were continent while in the remaining 2 patients no significant improvement was observed. In the post operative urodynamics assessment no significant changes in the urethral pressure profile or others parameters were observed. There were no signs of urge incontinence or micturition disturbances at the post-operative follow up.

CONCLUSION: TVT implant is easy to use and safe. The immediate results



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are encouraging but we must wait for the results of a much longer follow up in many more patients.

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