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SHORT-TERM RESULTS OF TOT IN-OUT UNITAPE T PLUS® FOR STRESS URINARY INCONTINENCE TREATMENT

Hypothesis / aims of study

To evaluate the short-term surgical efficacy and complications of the tension free vaginal tape (Tot in-out) UNITAPE t plus®.

Methods:

Results:

Conclusion:

Study design, materials and methods

In this prospective study, women presenting stress urinary incontinence (SUI) diagnosed by cough stress test and/or urodynamic study received surgical treatment using a mid-urethral sling ToT in-out UNITAPE t plus®, Promedon, from December 2013 to February 2014. Patients were evaluated preoperatively: interview, physical examination, urodynamic test and quality of life questionnaire (KHQ). Patients were followed after 7 and 30 days post-operative. The evaluation consisted of history, physical exam, 20-min pad test and KHQ application.

First outcome was success rate defined as negative stress test and a negative pad test. Second outcome was complication rates and quality of life scores postoperative

Results

We included 20 patients. Mean age was 52.5 (+8,8), being 9 premenopausal and 10 postmenopausal. 15 (75%) patients also received concomitant pelvic floor reconstructive procedures when needed.

Interpretation of results

After a mean follow up of 1 month, we noted a 100% objective success rate. We have no intraoperative complications.

A new ToT in-out UNITAPE t plus® at the same moment. 4 (20%) patients presented groin/thigh pain in the first week postoperative, 4 of them were successfully managed with oral analgesics. KHQ scores decreased significantly for most domains (valor de $p < 0.05$). There were no cases of mesh erosions.

Concluding message

This study shows that ToT in-out UNITAPE t plus® is an effective and safe treatment for female SUI in a short-term.

Disclosures

Funding: To evaluate the short-term surgical efficacy and complications of the tension free vaginal tape (Tot in-out) UNITAPE t plus®. **Clinical Trial:** No **Subjects:** HUMAN **Ethics Committee:** Universidade Federal de Sao Paulo **Helsinki:** Yes **Informed Consent:** Yes