



 [Print this Page for Your Records](#)

[Close Window](#)

Control/Tracking Number: 09-AB-95540-AUA

Activity: Paper Submission

Current Date/Time: 1/25/2009 8:30:27 PM

TRANSOBTURATOR DOUBLE ARM MALE SLING TOMS FOR MALE URINARY INCONTINENCE

Author Block: *Philippe Grise*, Rouen, France; TOMS Study Group*

Abstract: Introduction and Objective: Sling procedures are an attractive alternative to the artificial sphincter for postprostatectomy stress urinary incontinence (SUI) in order to minimize surgical morbidity and cost of the surgery. With the experience of the female trans-obturator polypropylene sling, a new double arms trans-obturator male sling (TOMS) was developed, the results with minimal one year experience are reported.

Methods: A prospective multicenter study was conducted on patients suffering from minor or moderate SUI.

Exclusion criteria were pre or post-operative radiation, bladder overactivity or hypocompliance.

Evaluation included clinical study questionnaire, urodynamics, ICIQ and SF36 questionnaire, Visual analogic pain scale (VAS). The sling was made of polypropylene macroporous non extensible, 1 cm large, connected at each end to a needle attachment device. Hemet or helicoidal needle was used according to surgeon preference. The trans-obturator puncture was outside-inside similar to the female procedure. The sling was applied to the urethra then pulled until to have a visible mark on the corpus spongiosum. No retrograde pressure adjustment was realized. Before hospital discharge at day 2, a residual and a pelvic pain evaluation were obtained.

Results: A total of 14 patients, age 70.8 (57-87) years old underwent surgery with minimal 12 months year follow-up. The surgery was easy to perform in all the cases. No per-operative complications were reported, no significant intra-operative bleeding (>200ml) occurred or nerve, bowel or vascular injury. Residual was always less than 100 ml except 1 urinary retention and 1 low stream. Mean pad use modified from 2.4 to 0.9, and 50% of them used no pad. The SF36 score improved from a median of 126 (57-325) to 317 (92-500), the Mann-Whitney test was significant with $p < 0.001$. The ICI-Q score improved from 13 (6-16) to 7 (0-15). The pain mean value was 2.5 post-operatively, 0.9 at one month and 0.1 at one year. **Conclusions:** The trans-obturator male sling (TOMS) is a new attractive surgical procedure for moderate or minor post-prostatectomy SUI for patients demanding of improvement on their day life comfort. The implanted biomaterial is non mechanical, easy to insert and well tolerated, has no screw and no retropubic puncture. Most of the patients are improved or continent with one year follow-up.

Author Disclosure Information: P. Grise, None.

Keyword - Indexing (Complete): +Incontinence ; +Prostatectomy ; +Sling

Topic (Complete): 62 Trauma & Reconstructive Surgery

Source of Funding (Complete):

Funding Source: : none

Late Breaking (Complete):

I intend to submit a Late-breaking abstract: No

Status: Complete

If you have any questions or experience any problems with the 2009 AUA Abstract Submitter, please contact Customer Service at support@abstractsonline.com or call (217) 398-1792. Customer Service hours of operation: M-F 10am-6pm EST.

Powered by [OASIS](#), The Online Abstract Submission and Invitation System SM

© 1996 - 2009 [Coe-Truman Technologies, Inc.](#) All rights reserved.