

SALVAGE AUTOLOGOUS FASCIAL SLING AFTER FAILED ANTI-INCONTINENCE SURGERIES: LONG TERM FOLLOW UP

Hypothesis / aims of study

To evaluate long term outcomes of autologous pubovaginal fascial sling (AFPVS) as a salvage procedure following different types of failed anti-incontinence surgeries.

Study design, materials and methods

We retrospectively reviewed medical records of patients who had undergone salvage AFPVS after any kind of anti-incontinence surgery from 2005-2015 at our medical center. Patients were contacted by telephone. Revised Urinary Incontinence Scale (RUIS) was used to determine the success rate.

Results

A total of 40 patients out of 51 were successfully contacted. . Mean patient age was 50.8 ± 9.8 years (range 30-75) and mean follow up was 62.6 ± 32.4 months (range 12-120). Of 40 patients, 14(35%) had pure SUI and 26(65%) complained of mixed urinary incontinence. A total of 15(37.5%) patients had a failed Burch colposuspension, 5(12.5%) TVT, 8(20%) TOT, 3 (7.5%) AFPVS and five (12.5%) patients had history of failed mini-sling procedure. Four (10%) patients had undergone more than one anti incontinence surgeries

Interpretation of results

Overall success rate was 65% in our study. New onset urge urinary incontinence was detected in 25% of patient which was negatively associated with satisfaction and recommendation. There was no statistically significant correlation between mixed urinary incontinence, type or number of previous failed surgeries with success however presence of pure SUI had a strong correlation with success ($P= 0.005$).

Concluding message

Autologous pubovaginal fascial sling might be considered as a safe and efficacious salvage surgical option following failed midurethral slings, Burch colposuspension and even AFPVS itself. It will provide reasonable long term results with no major complications.

Disclosures

Funding: Conflict of interest and Source of Funding: None declared **Clinical Trial:** No **Subjects:** HUMAN **Ethics not Req'd:** It is a retrospective study . Written informed consent was obtained from patients. **Helsinki:** Yes **Informed Consent:** Yes