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EARLY RESULT OF MIDURETHRAL SLING SURGERY BY REMEEX DEVICE FOR FEMALE STRESS INCONTINENCE

Hypothesis / aims of study

We present our early result in the treatment of female stress urinary incon- tinence by the new device Remeex.

Study design, materials and methods

Between January 2007 and April 2009, a total of 27 patients with female stress incontinence underwent midurethral sling surgery by Remeex divice. Five women experienced previously failed miduretrhal sling surgery.

Preoperatively, patients were evaluated with history taking, physical examination, full urodynamic testing. The procedure was carried out under spinal anesthesia.

Results

Mean age was 55.1 years (51-74). Mean follow-up was 5.4 months (3-24).

Mean hospital stay was 3.7 day (3-10) and mean operation time was 65.1 minutes (50-100). Subjectively, 18 (72%) of the patients were cured and 9 (28%) significantly improved. The cure rate among patients with a Valsalva leak point pressure (VLPP) lower than 60cmH2O was 62.5%, while that of patients with a VLPP higher than 60cmH2O was 100% . Cure rate of patients, experienced previously failed miduretrhal sling surgery was 80%. Seven patients, added tension of device after surgery, 14 patients reduced tension and 6 patients had no need to regulate tension. Complications were postoperative urinary retention in 1 patients, wound infection in 3.

Interpretation of results

Midurethral sling surgery by Remeex device is safe, simple and effective for the treatment of SUI in terms of short hospital stay, short operation time, high success rate and low complication rate. It is also effective in patients, experienced previously failed miduretrhal sling surgery.

Concluding message

Midurethral sling surgery by Remeex device is safe, simple and effective for the treatment of SUI in terms of short hospital stay, short operation time, high success rate and low complication rate.

References

1. A re-adjustable sling for female recurrent stress incontinence and sphincteric deficiency: Outcomes and complications in 125 patients using the Remeex sling system. Neurourol Urodyn. 2010 Feb 1. Epub ahead of print

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Was this study approved by an ethics committee?	**Yes**
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Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**