

RESULTS OF EFFICIENCY AND SAFETY IN REPAIRING PREVIOUS PROLAPSE THROUGH THE SURELIFT® SYSTEM. 5 YEARS RESULTS

Hypothesis / aims of study

The Surelift system is a versatile mesh with 6 anchor points. The present study evaluates its efficacy and safety after a mean follow-up of 5 years

Study design, materials and methods

It is a retrospective study conducted between January 2010 and December 2016, a total of 43 women. They were operated through the SURELIFT system (Neomedic Int., Spain). Of these, 27 were operated on anterior wall prolapse and another 16 on apical prolapse. In 44.2% (19/44) a tension free suburethral mesh was also placed. Postoperative regional pain and patient satisfaction were assessed using a questionnaire. In cases that were considered necessary, a urodynamic study was performed at any time of follow-up. Mean age: 68.2 (range 53-81), mean parity: 2.2 (range 1-4), mean BMI: 26.1 ± 1.6. A 41.8% (18 cases) had a urogynecological surgical history (7 anterior colporrhaphy, 15 hysterectomy and 5 TOT without tension)

Results

After a mean follow-up of 36 months (6-78) a subjective cure of 92.4% and objective (anatomical) of 90.1% was achieved in patients with anterior prolapse. Likewise, in the cases of apical prolapse, subjective and objective cure rates of 80.2 and 77% were obtained. No patient had stress incontinence after the operation. Eight women (18.6%) had to receive parasympholytics due to urgency incontinence. 39/43 (90.7%) of patients were satisfied or very satisfied with the operation. Complications: postoperative pain 5, dyspareunia 3 and vaginal erosions 2.

Interpretation of results

The Surelift system is a high quality macropore polypropylene mesh with 6 anchoring points. Harpoon anchoring is safe and effective. The possibility of being cut and adapted to the particular anatomy of each patient helps to achieve high elevated rates of clinical and anatomical healing. The existence of 6 fixation points favors this placement and allows, if necessary, trim a pair of said arms to get the correct adaptation to the anatomy of each patient.

Concluding message

The repair of the previous prolapse with the SURELIFT system is effective in terms objectively and subjectively without relapses of the POP and without limited complications

Disclosures

Funding: None **Clinical Trial:** No **Subjects:** HUMAN **Ethics not Req'd:** Normal practice of our department **Helsinki:** Yes **Informed Consent:** Yes