

Results of REMEEX® system for correction of the stress urinary incontinence

Coco Lizarraga, A; Fernández Alvarez, R ; Ruiz Caballero, J.
Department of Obstetrics, Gynaecology and Reproduction.
Hospital Universitario Dexeus.
Barcelona

Introduction: There are multiple surgical techniques for the treatment of Stress Urinary Incontinence (SUI). One of the newest is the REMEEX® system consisting in a suburethral tension adjustable mesh indicated in cases of urethral hypermobility, intrinsic sphincter deficiency or failure of other techniques.

Objectives: To assess the efficacy and safety of this technique in our Centre in the treatment of SUI.

Material and methods: A systematic review of 43 patients surgically treated with REMEEX® system in our Centre between 2000 and 2015 has been performed. The variables analyzed were age and mean weight, previous surgeries and those associated pelvic floor disorders, intra and postoperative complications, healing rate, and mean follow-up period.

Results: The mean age was 57.40 years (range 41-80) and mean weight 59 kg (range 50-77Kg). A 25% of patients had previous pelvic floor surgeries. The main indication was intrinsic sphincter deficiency in 53.4% and urethral hypermobility in the 46.6% remaining. Bladder perforation was the only intraoperative complication evidenced. Regarding postoperative complications one patient presented infection of the prosthesis, and another one a failure of it, requiring both its removal. Other patient suffered an urinary retention and 4 had de novo urinary tract infection. The overall healing rate was 96.71%. The mean follow-up period was 67 months.

Conclusions: It is an easy and reproducible technique to implement with good results in the short and medium term.