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Abstract

INTRODUCTION AND HYPOTHESIS: To evaluate the efficacy and safety of the minimally invasive Ajust system in the treatment of stress urinary incontinence.

METHODS: This was a prospective multicentre study. All patients with primary urodynamic stress urinary incontinence were prospectively selected to receive the Ajust procedure. The International Consultation on Incontinence-Short Form (ICI-SF), Women Irritative Prostate Symptoms Score (W-IPSS), PGI-S, and PGI-I questionnaires were used to evaluate the impact of incontinence and voiding dysfunction on QoL and to measure patient's perception of incontinence severity and improvement.

RESULTS: From January 2009 to October 2009, 111 consecutive subjects were enrolled in the study. At 6 months, 102 were available for outcomes analysis. The subjective and objective cure rates were 85.7% and 91.4%, respectively. The ICI-SF and W-IPSS questionnaires showed a statistical significant improvement in symptom scores.

CONCLUSIONS: In the short-term follow-up, the Ajust system was effective in restoring continence in more than 85% of subjects with a highly significant improvement in QoL.

PMID: 20798919 [PubMed - as supplied by publisher]