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SHORT TERM RESULTS OF THE AJUST ADJUSTABLE SINGLE INCISION SLING PROCEDURE FOR THE TREATMENT OF URODYNAMIC STRESS URINARY INCONTINENCE.

Hypothesis / aims of study

To evaluate the safety and effectiveness of the new surgical technique adjustable single incision sling Ajust TM for the treatment of Urodynamic Stress Urinary Incontinence.

Study design, materials and methods

In our study 42 patients with Urodynamic Stress Urinary Incontinence(USUI) were included with a mean age of 63.4 years(range 41-77 yrs) from November 2008 to January 2010. In all patients a minimal invasive ajust sling procedure was carried out. No patient had undergone previous surgery for incontinence. There was no concomitant prolapse surgery. The insertion of the sling was done in 42 patients under epidural anaesthesia. The patients were assessed by clinical examination and urodynamic study 6 weeks after the operation.
Cure rate was defined as the absence of urinary incontinence during clinical examination and urodynamics.
The patients were considered improved when they had less episodes of urinary incontinence than before treatment.
Failure was defined as the persistence of urinary incontinence.

Results
The mean follow up was 6 months(range 1-15 months). Thirty eight patients(90%) were completely dry, one patient (3%) improved and three patients (7%) show no change in their symptoms.
One patient had postoperative pain. There was no intraoperative bleeding. Two patients(5%) had de novo urge urinary incontinence. Five patients complained of urgency. The hospitalization was 1.2 days(range 1-3d)

Interpretation of results
The efficacy of Ajust adjustable sling procedure in the short term is comparable with other studies (1).

Concluding message
The Ajust adjustable single incision sling procedure was found to be safe and effective as well as easy to insert. Further studies will be needed to confirm our initial good results.

References
1. 1. Gomes M, et al. ICS Abtracts 2009, No 605.

Specify source of funding or grant	**NONE**
Is this a clinical trial?	**Yes**
Is this study registered in a public clinical trials registry?	**No**
Is this a Randomised Controlled Trial (RCT)?	**No**
What were the subjects in the study?	**HUMAN**
Was this study approved by an ethics committee?	**Yes**
Specify Name of Ethics Committee	**HOSPITAL ETHICS COMMITTEE**
Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**