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## ELEVEN-YEAR OUTCOMES OF THE IRIS PROCEDURE FOR TREATMENT OF FEMALE STRESS URINARY INCONTINENCE: COMPARISON WITH TVT PROCEDURE

### Hypothesis / aims of study

We evaluated the long-term efficacy and safety of the IRIS procedure and compared it with TVT (tension free vaginal tape) for the treatment of female stress urinary incontinence.

### Study design, materials and methods

We included all 58 consecutive women who underwent IRIS (n=30) or TVT (n=28) between February 2002 and April 2003 and followed them up for at least 11 years postoperatively. We analyzed the 11-year success rate and postoperative complications in the IRIS procedure and compared to the results of TVT procedure.

### Results

The 11-year success rate was 92.2% for the IRIS and 91.4% for the TVT, and the satisfaction rates were 92.1% and 87.7%, respectively. Intraoperative complications for the IRIS group included 3 cases of bladder perforation, and there were 3 cases of bladder perforation for the TVT group. The postoperative complications for the IRIS group included 3 patients with *de novo* urgency and one patient with mesh erosion. Five patients with the TVT developed *de novo* urgency. One case of each group showed temporary voiding difficulty.

### Interpretation of results

By these results, the IRIS may be an effective and safe procedure.

### Concluding message

The IRIS may be an effective and safe procedure as compared to the TVT for more than 11 years.

### Disclosures

**Funding:** No fund or grant **Clinical Trial:** Yes **Public Registry:** No **RCT:** No **Subjects:** HUMAN **Ethics not Req'd:** this study is only retrospective chart review study and absolutely we took informed consents of patients. **Helsinki:** Yes **Informed Consent:** Yes