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COMPARISON OF TREATMENT RESULTS OF TOT SURGERY IN PATIENTS WITH STRESS URINARY INCONTINENCE AND MIXED URINARY INCONTINENCE IN KOREAN SOCIETY.

Hypothesis / aims of study

We compared the treatment results between stress urinary incontinence(SUI) and mixed urinary incontinence(MUI) for patients who had been performed a transobturator tape procedure(TOT).

Study design, materials and methods

March 2006-September 2009, patients were categorized into the SUI(62 patients) and MUI(25 patients) groups. The preoperative evaluations included a comprehensive medical history, physical examination and urodynamic study that included determining the valsalva leak point pressure(VLPP) and maximal urethral closing pressure(MUCP) and Q-tip test. The objective and subjective success rate were evaluated during the postoperative period.

Results

For the treatment outcomes, in SUI group there were 15 cases of cure(24%) and 38 cases of improvement(61%), and in MUI group there were 6 cases of cure(24%) and 15 cases of improvement(60%). 56% of patients in SUI group were satisfied with the operation and 40% of patients in MUI group were satisfied with the operation.(p<0.05)

Interpretation of results

TOT surgery than conventional TVT surgery had a high success rate, and subjective satisfaction. We think that it was very useful in patients with mixed urinary incontinence, as well as patients with stress urinary incontinence.

Concluding message

TOT surgery for patients with SUI, as well as with MUI is considered a useful treatment. But, additional research for long-term effects will be considered.

References

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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	SoonChunHyang university IRB
Was the Declaration of Helsinki followed?	Yes
Was informed consent obtained from the patients?	Yes