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THE CHANGES OF OVERACTIVE BLADDER SYMPTOMS AFTER MID-URETHRAL SLING SURGERY IN PATIENTS WITH STRESS URINARY INCONTINENCE PLUS OVERACTIVE BLADDER SYMPTOMS : LONG-TERM RESULTS

The changes of overactive bladder symptoms after mid-urethral sling surgery in patients with stress urinary incontinence plus overactive bladder symptoms : long-term results

Purpose: Overactive bladder (OAB) symptoms accompanied stress urinary incontinence (SUI) make effect to patient's dissatisfaction after mid-urethral sling surgery for SUI. Authors wished to search about long-term change of overactive bladder symptoms after mid-urethral sling surgery.
Materials and methods: Total 43 patients with SUI plus OAB who performed mid-urethral sling surgery for SUI were analyzed. They were observed at least 2 years. we used medical records and survey with mail and telephone to search a change of OAB symptoms. The mean age of patients was 47.9 years, symptom duration was 4.1 years and mean follow-up periods were 3.2 years.
Result: There was 67.4 % to improve OAB symptoms after sling surgery, and pre- and post-operative urge incontinence scale (3-point rating scale) was 2.1 and 0.7. Nocturia was 2.5 and 1.1/night, daytime frequency was 10.7 and 8.4. In 9 (31.0%) of 29 improved patients, there were aggravation of OAB symptoms as time passes. In particular, 2 patients (6.9%) complaint more worsen before surgery. At 12 months, 6 patients (66.7%) complain of aggravation of OAB symptoms and at 18 months, 3 patients (33.3%) complain of it. After 18 months, there were no complaint in this patients.
Conclusions: In many cases, OAB symptoms were improved after mid-uretral sling surgery in patients with stress urinary incontinence plus OAB symptoms. But there were some patients with worsen of OAB symptoms as time passes. Therefore a closed observation to the change of OAB symptoms after mid-urethral sling surgery were needed in patients with stress urinary incontinence plus overactive bladder symptoms

Specify source of funding or grant	**No funding**
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	**Dong-A university hospital ethics commitee**
Was the Declaration of Helsinki followed?	**Yes**
Was informed consent obtained from the patients?	**Yes**