

1213

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PRESENTATION OF THE USE OF THE SINGLE-INCISION SLING SYSTEM, AJUST, ON 15 FEMALE PATIENTS AND THEIR FOLLOW UP IN A YEAR'S TIME.

Hypothesis / aims of study

Our purpose was to determine the benefit and the complications of a surgical therapy for the treatment of female stress urinary incontinence by using the Adjustable Single-Incision Sling System, Ajust.

Study design, materials and methods

In a period of one (1) year, from January 2009 until December 2009, fifteen (15) female patients were operated for stress urinary incontinence using the Adjustable Single-Incision Sling System, Ajust .

In order to diagnose the problem of urinary incontinence we took into account the medical history of the patients, their clinical examination as well as their urodynamic tests.

Follow up was done from six (6) months up to one (1) year.

Results

Thirteen (13) female patients after the operation were fully gratified having solved their problem of urinary incontinence. Two (2) female patients required the additional use of drugs because of mixed urinary incontinence.

Seven (7) out of fifteen (15) female patients were overweight.

The average age of the patients was fifty-two (52) years old.

The operation lasted about ten (10) minutes.

All our patients had undergone spinal anaesthesia.

No patient had to go through cystoscopy during the operation.

During the operation the blood loss was minimal.

During post-operative period, fever, infection and low haematocrit were not observed.

Interpretation of results

It is clear that more cases and long term follow up is needed so as to determine and evaluate the results and the complication rate of the Ajust system, even though the first data are very positive and encouraging.

Concluding message

The Adjustable Single-Incision Sling System, Ajust for the treatment of female stress urinary incontinence is a very simple method, easy to use and very effective. It's a minimally invasive method and from our experience up to now, it's a method for overweight female patients, whose anatomical structures are difficult to define.

<i>Specify source of funding or grant</i>	Private funding.
<i>Is this a clinical trial?</i>	No
<i>What were the subjects in the study?</i>	HUMAN
<i>Was this study approved by an ethics committee?</i>	No
<i>This study did not require ethics committee approval because</i>	Because its not obligatory in Greece where the study took place.
<i>Was the Declaration of Helsinki followed?</i>	Yes
<i>Was informed consent obtained from the patients?</i>	Yes