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## **A NEW CONCEPT OF URETHRAL COMPRESSION MALE, CIRCUMFERENTIAL AND READJUSTABLE, THROUGH A SLING OF 4 ARMS (2 PRE AND 2 RETROPUBICS)**

### Hypothesis / aims of study

Successful treatment of stress urinary incontinence in men depends on adequate repositioning and compression of the bulbar urethra. Current slings based on suburethral or transobturator suspensions only produce compression under the urethra leaving the rest of the circumference free without any additional pressure.

### Study design, materials and methods

A new 4-arm sling that produces simultaneous suburethral and supraurethral compression by raising it against the lower border of the pubis was placed in five patients since March 2016

### Results

The placement did not suppose any problems added to the placement of the standard suburethral MRS sling. The passage and adjustment of the prepubic arms was simple and without complications. All patients are continent and needed only 1.2 readjust (average). One patient had infection of the surgical suprapubic plate but the rest of the system remain in place and patient still continent but loose the possibility of further readjustment

### Interpretation of results

At present there are systems of four arms that are not readjustable and others that maybe readjusted but only have 2 points of anchorage or tension. The development of a sling combining both characteristics could be a significant advance in this field.

### Concluding message

The postoperative placement and adjustment of the tension of the new sling does not entail any additional complication with respect to the standard MRS. Superior incontinence control is expected for its novel double way of compressing the urethra, the demonstration of which will involve future clinical trials

### Disclosures

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