

ADJUSTABLE TRANSOBTURATORY SLING - ARGUS T® FOR THE TREATMENT OF NEUROGENIC URINARY INCONTINENCE DUE TO SPHINCTER DEFICIENCY



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HYPOTHESIS / AIMS OF STUDY:

The treatment of Neurogenic Male Urinary Incontinence NMUI due to sphincter deficiency remains a challenge in Urology

The most frequent treatment is the Hydraulic sphincter placement around the bladder neck. However, this is a major and difficult surgical procedure accompanied by a reasonable index of complications. The procedure may be especially difficult in patients with previous bladder augmentation.

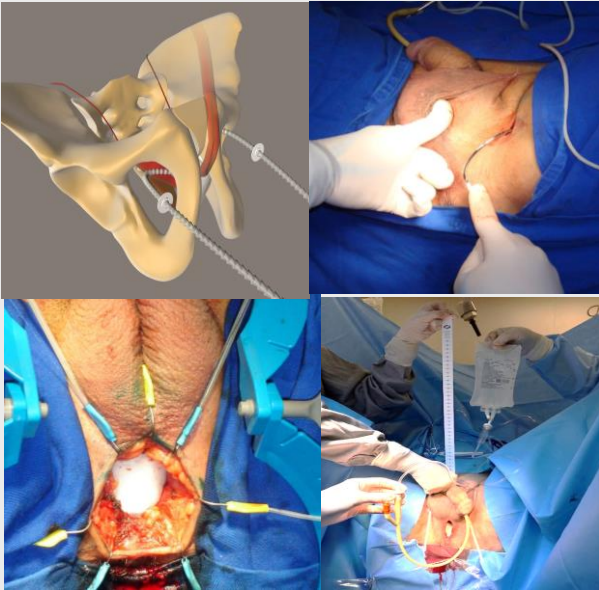
The use an adjustable Sling could make the treatment of NUI condition simpler and safer

STUDY DESIGN, MATERIALS AND METHODS

Ten patients with NMUI underwent Argus T® implantation

Main complain was urinary leakage between catheterism. All patients had a good bladder capacity and compliance. Stress Urinary Incontinence was demonstrated through physical examination and

SURGICAL PROCEDURE



Age, m	Base disease	Augmentation	MCC	VLPP, m	ICISF, m	Previous UI Treatment
39,2 y	7 MMC (70%) 2 SCI (30%)	5 (50%)	410,5 ml	81,1 cmH2O	14,5	4 (40%)

RESULTS: Follow up ranged from 6 to 23 months (mean= 13,11 months). No patient had difficulties to perform CIC

Pads pre	Pads Post	% pt satisfied	Pre and post ICIQSF	complications
m= 4,33	m= 0,88	88%	m= 15 m=4	3 infections requiring surgical debridement in 2 pt 1 non related death

CONCLUSIONS:

Argus® represents a good alternative to obtain continence in patients with Neurogenic Urinary Incontinence due to sphincter deficiency. It is a straight forward procedure with an acceptable level of complications and a high index of patient's satisfaction. A larger number of patients and a longer follow up is necessary to confirm these findings.