

TRANSOBTURATOR TAPE (TOT) PROCEDURE FOR MIXED URINARY INCONTINENCE.Hypothesis / aims of study

The purpose of this study was to assess the continence rate of patients with mixed urinary incontinence who underwent a TOT procedure at 12 months follow up.

Study design, materials and methods

110 patients with mixed urinary incontinence diagnosed either by office cystometry: 28 patients (25,5%) or multichannel urodynamics: 82 patients (74,5%) who underwent a TOT procedure. Complete cure was defined as a completely asymptomatic patient at the time of reevaluation. Treatment failure was defined as relapsed urinary incontinence confirmed by multichannel cystometry. We analyzed the urinary incontinence cumulative rate at 12 months.

Results

The cumulative urinary stress incontinence rate at 12 months was 7,3 %. The cumulative urgeincontinence rate was 34.3%. Intraoperative complications reached 2.7% and post surgical rate complications 17,1%(6 transitory retentions, 1 urethrolisis, 2 erosions and 10 urinary tract infections).

Interpretation of results

Our results show good continence rates at 1 year without significant complication rates.

Concluding message

In our view the TOT procedure is a good therapeutic option for mixed urinary incontinence. A longer follow up period is needed.

<i>Specify source of funding or grant</i>	None
<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>	Yes
<i>Specify Name of Ethics Committee</i>	Comité de Etica e Investigación Clínica Servicio de Salud Metropolitano Sur Oriente - Santiago de Chile - Chile
<i>Was the Declaration of Helsinki followed?</i>	Yes
<i>Was informed consent obtained from the patients?</i>	Yes