

Introduction

- Sacral neuromodulation (SNM) is considered 3rd line therapy for ret ulletoveractive bladder (OAB)
- Our prior study noted possible positive association between preser reported stress urinary incontinence (i.e. subjective SUI, sSUI) and SNM testing [1]
 - sSUI defined as answering "yes" to "do you experience incontine laugh/cough/sneeze/exercise?"
- To date, no strong research to suggest SNM improves SUI

We reanalyzed the data from our prior study to see if there is an as ulletbetween SUI and SNM outcomes

Methods

- Retrospective re-analysis of our prior study of patients who passed now includes those who did not (i.e. < 50% improvement)
- All patients reported sSUI in addition to refractory OAB symptoms
- Overall,100 female patients who underwent SNM for OAB with conulletof sSUI
- Inclusion criteria: +sSUI and preoperative UDS with LPP testing
- SNM patients grouped based on their results of stage 1 SNM testin \bullet (group 1), >75% (group 2), <50% (group 3) improvement
- Improvement % based on combination of overall subjective impress scale) + objective measures (e.g. diaries, pad usage)
- Compared clinical and UDS parameters with respect to presence of
 - oSUI = positive Valsalva/cough stress test during UDS (LPP test
- T test, ANOVA

Is The Presence of Stress Urinary Incontinence Associated with Sacral Neuromodulation Outcomes for OAB?

D Charles, E Bejarano, R Everett, RC O'Connor, M Guralnick **Department of Urologic Surgery** Medical College of Wisconsin, Milwaukee, WI, USA

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		Results			
frontony	Stage 1 Subjective Improvement Groups				
fractory	Stage 1	50-75%	>75%	>s <50%	p-value
nce of patient	Patients (n)	33	39	28	p-value
outcome of	Age (yrs, mean)	51.1	49.6	59.3	0.96
	AUASS pre-SNM				
ence with	(total score, mean)	26.7	19.4	23.6	0.83
	Objective SUI presence	6 (18.1%)	6	4	0.29
	(# of pts, %)		(15.4%)	(14.3%)	
	Lowest LPP	75	78	83	0.56
sociation	(VLPP or CLPP, cm H20)				
	Cystometric capacity (mL, mean)	336.7	336.2	310.8	0.82
	Detrusor Overactivity (%)	13 (32.5%)	17 (42.5%)	9 (22.5%)	0.41
SNM test and	Cough Induced DO (%)	2 (6%)	2 (5%)	0	
	Pdetmax with DO	41.4	37.5	34.1	0.55
comitant report	(cm H20, mean)				
	Conclusions				
	 sSUI does not equate to oSUI (oSUI noted in 16% of patients with sSUI) 				
g: 50-75%	 Is it stressinduced DO rather than genuine SUI? 				
sion (analog	 Only noted in 10% of our patients with DO, 4% overall (but UDS can miss DO 				
	[2])				
objective SUI	The presence of sSUI in patients with OAB does not appear to be associated with the outcome of SNIM				
sting)	the outcome of SNM				
	References 1 Charles DK, Everett RG, Prebay ZJ, Landowski TP, O'Connor RC, Guralnick ML. Is a 50% improvement threshold adequate to justify progression from sacral				
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