

**Table 1b. Randomized controlled trial of SNS versus control – outcomes**

Study/year	Patients/ Groups	<u>Pt recorded diaries</u>						Functional Status outcomes (SF-36)			
		Measure	Pre-	Post-	% change <sup>1</sup>	% pts improv <sup>2</sup>	% cure <sup>3</sup>	Measure	Pre	Post	p value <sup>4</sup>
Schmidt 1999	SNS (n=34)	Leaks/d	9.7	2.6	73% *	76% *	47%*	Physical Functioning	47.9	66.0	<0.001
								Role physical functioning	28.2	49.2	NS
								Bodily Pain	46.5	57.3	NS
								General health	45.7	64.5	<0.001
								Vitality	43.0	53.6	NS
								Social functioning	51.6	53.5	NS
								Mental health functioning	61.6	65.9	NS
	Control (n=42)	Leaks/d	9.3	11.3	-21%	5%	0%	Role emotional health	54.8	75.3	NS
								Physical Functioning	55.4	48.5	NS
								Role physical functioning	34.7	38.2	NS
								Bodily Pain	53.2	51.4	NS
								General health	53.8	51.5	NS
								Vitality	50.7	51.8	NS
								Social functioning	51.0	53.0	NS
						Mental health functioning	66.0	64.9	NS		
						Role emotional health	50.5	49.5	NS		

\* Statistically significant difference as compared to control group (P<0.0001)

<sup>1</sup> % change – Defined as the percent decrease in the frequency of incontinence over a specified time period, calculated by the following equation:  

$$\frac{\text{pretreatment episodes/period} - \text{posttreatment episodes/period}}{\text{pretreatment episodes/period}} \times 100$$

<sup>2</sup> % pts improv – Defined as the percentage of patients with 50% or greater decrease in the frequency of incontinence, as calculated by the previous equation.

<sup>3</sup> % cure – Defined as the percentage of patients with 100% decrease in frequency of incontinence, i.e., no incontinent episodes over the specified time period.

<sup>4</sup> p-value for change in SNS group compared to change in control group, by repeated measures ANOVA