

Supplemental Files

Supplemental Table 1 Comparison of sensory thresholds between our study and that of Kimoff, et al<sup>13</sup>.

Variable	Our Study		Kimoff, et al	
	Control	OSA	Control	OSA
2PD UA (median (CI)) (mm)	13.0 ( 12.0, 13.5)	13.0 ( 12.5, 13.0)	10.5(8,11)	14(11.5,14)
2 PD Hand(median (CI))(mm)	17.0 ( 14.0, 19.0)	18.0 ( 17.0, 18.0)	19(17,22)	18(17,20)
2PD Lip(median(CI))(mm)	3.0 ( 2.0, 3.0)	3.0 ( 2.0, 3.0)	3(2,3)	3(2,3)
VT UA (Mean±SE)(units)	9.3± 0.6	9.2± 0.5	2.2±0.1	4.0±0.2
VT Hand(Mean±SE)(units)	1.8±0.1	1.8± 0.1	1.1±0.1	1.3±0.1
VT lip(Mean±SE)(units)	3.5± 0.2	3.5± 0.1	1.6±0.1	1.8±0.1

Supplemental Table 2

Comparison of variables studied between the two study locations.

Variable mean±SD	Rutgers N=96	ISMMS N=67
Age years	56.1±7.9	59.0±6.8
BMI Kg/M <sup>2</sup>	30.0±5.0	29.8±5.2
AHI4 /hr	13.1±15.7	10.2±11.9
RDI/hr	23.9±16.8	20.6±18.4
ESS	7.2±4.5	6.1±5.4
CRS	2.4±2.0	2.9±2.1
2 PD hand (mm)	17.3±5.6	18.0±7.3
2 PD lips (mm)	2.9±0.9	2.8±1.0
2 PD UA (mm)	12.6±1.7	11.9±2.0
VT finger(units)	1.6±0.6	2.1±0.8
VT lip (units)	3.5±1.3	3.6±1.0
VT UA (units)	10.2±4.6	7.9±3.8

