

TABLE S1 Upper Airway Obstruction Classification System	
LEVEL & OBSTRUCTION CLASSIFICATION SYSTEM	DEGREE OF OBSTRUCTION
<u>Oropharynx</u>	
No collapse	0
Partial	<75%
Complete	>75%
<u>Hypopharynx</u>	
No collapse	0
Partial	<75%
Complete	>75%
<u>Larynx-Epiglottis</u>	
No collapse	Negative
Collapse	Positive

TABLE S2
Demographic variables

PATIENT CHARACTERISTICS	MEAN $\pm$ STANDARD DEVIATION	RANGE
Age, yr	42.8 $\pm$ 13.5	24-73
Gender, Male/Female	23/11	-
BMI, kg/m ²	28.4 $\pm$ 4.9	19-38
Neck, cm	40.4 $\pm$ 4.2	31-49
Epworth	8.4 $\pm$ 5.1	2-23
AHI, events/hr	26.7 $\pm$ 22.4	15-74.5
Min O ₂ Sat	86.4 $\pm$ 8	59-98

BMI: body mass index, AHI: apnea–hypopnea index

TABLE S3
Pattern of Upper Airway Obstruction Prior to and
Following Nasal Surgery

Level of Obstruction	Preoperative, %	Postoperative, %	p*
<u>Oropharynx</u>			
No collapse	6	9	p>.05
Partial	38	35	p>.05
Complete	56	56	p>.05
Single level	21	41	p<.05
<u>Hypopharynx</u>			
No collapse	24	44	p<.05
Partial	62	50	p<.05
Complete	9	6	p<.05
Single level	3	3	-†
<u>Larynx-Epiglottis</u>			
No collapse	76	74	p>.05
Collapse	24	26	p>.05
Single level	3	3	-†
Multilevel	74	50	p<.05

*McNemar test for paired data. †Insufficient number of subjects for statistical analysis.