

APPENDIX A: Tables**Table 1.** Patient Demographics

Variable	N (%)
Sex	
Male	61 (45.2)
Female	74 (54.8)
Age (mean SD)	9.84 (2.43%)
BMI	
Morbid obesity	11(8.1)
Obesity	36(26.7)
Overweight	9(6.7)
Healthy Weight	74(54.8)
Underweight	4(3.0)
N/A	1(0.7)
ASA Classification (%)	
I	55 (40.7)
II	64 (47.4)
III	14 (11.9)
Ethnicity (%)	
Hispanic	86 (63.7)
White	16 (11.9)
Other	33 (24.4)

ASA = American Society of Anesthesiologists; BMI = body mass index; N/A = not applicable; SD = standard deviation

Table 2. Dental Characteristics of Total San Diego Sleep Survey Scores (two sample *t*-test/analysis of variance)

	SDSS scores (mean±SD)	<i>P</i>
Bruxism		<0.01
No	58.62±12.41	
Yes	70.15±14.37	
Malocclusion		0.48
I	60.13±13.67	
II	60.19±12.34	
III	56.11±11.43	
Dental Crowding		0.77
No	60.42±14.06	
Yes	61.1±12.71	
Mouth Breathing		<0.01
No	58.79±11.97	
Yes	73.95±15.79	
Brodsky Score		0.02
IV	73.33±22.81	
III	65±15.7	
II	59.71±12.83	
I	56.69±10.52	
Non-Nutritive Oral Habits		0.01
No	59.26±13.51	
Yes	66.52±12.45	

SD = standard deviation; SDSS = San Diego Sleep Survey

Table 3. Distribution of Dental Characteristics by Threshold Sleep-Related Breathing Disorder scale of the Pediatric Sleep Questionnaire

Characteristic = Yes (%)	PSQ threshold <0.33	PSQ threshold ≥0.33	<i>P</i>
Bruxism	13 (15.5)	14 (27.5)	0.120
Malocclusion			0.380
I	50 (60.2)	20 (48.8)	
II	23 (27.7)	13 (31.7)	
III	10 (12.0)	8 (19.5)	
Dental Crowding	38(45.2)	22(44.0)	1.000
Mouth breathing	4 (4.8)	15(29.4)	<0.001
Brodsky score			0.456
I	41(51.2)	17(45.9)	
II	27(33.8)	11(29.7)	
III	11(13.8)	7(18.9)	
IV	1(1.2)	2(5.4)	
Non-Nutritive Oral Habits	14(16.7)	17(33.3)	0.035

PSQ = Pediatric Sleep Questionnaire

Table 4. Distribution of Dental Characteristics by Individual San Diego Sleep Survey Components

	Sleep Disorder	<i>P</i>	Sleep-Disordered Breathing	<i>P</i>	Daytime Symptoms	<i>P</i>	Hygiene	<i>P</i>	Insomnia	<i>P</i>
Bruxism No Yes	4.71±1.31	<0.01	13.03±5.81	<0.01	18.66±5.32	<0.01	9.78±2.21	0.46	12.34±3.1	<0.01
	5.7±1.56		16.93±6.31		22.63±7.01		10.15±2.67		15.19±3.33	
Malocclusion I II III	4.93±1.28	0.1	13.39±5.72	0.82	19.1±6.02	0.57	10.13±2.4	0.43	12.57±3.38	0.57
	4.89±1.37		13.36±5.97		19.42±5.54		4		13.06±3.13	
	4.17±1.69		12.44±6.03		17.72±4.43		9.53±2.12		12.11±2.63	
Dental Crowding No Yes	4.88±1.51	0.93	13.58±6.14	0.75	19.5±6.4	0.9	10.08±2.3	0.17	12.5±2.69	0.17
	4.9±1.25		13.92±5.99		19.37±5.28		9		13.28±3.85	
Mouth Breathing No Yes	4.7±1.34	<0.01	12.94±5.29	<0.01	18.82±5.48	<0.01	9.76±2.26	0.25	12.53±3.12	<0.01
	6.21±1.18		19.11±7.94		23.32±6.89		10.42±2.57		15.26±3.72	
Brodsky IV III II I	5±1	0.58	23.67±9.45	<0.01	21.67±7.77	0.59	8.67±1.15	0.06	14.33±4.62	0.36
	4.94±1.66		16.11±6.47		19.89±6.79		10.89±2.4		13.61±3.45	
	4.92±1.26		14±5.29		18.21±5.65		5		12.45±3.03	
	4.59±1.28		11.36±4.86		18.88±4.95		10.08±2.28		12.31±3.14	
Non-Nutritive Oral Habits No Yes	4.78±1.37	0.05	13.17±6.15	0.03	18.97±5.88	0.08	9.77±2.27	0.45	12.54±3.22	0.02
	5.35±1.5		15.94±5.48		21.08±5.71		10.13±2.46		14.16±3.47	

Supplemental Table 1. Additional Dental Characteristics of Total San Diego Sleep Survey Scores (Two-Sample *t*-test/Analysis of Variance)

Attention deficit hyperactivity disorder No Yes	60.96±13.76 60.55±11.93	0.92
History of tonsillectomy and/or adenoidectomy No Yes	60.47±13.45 67.33±14.66	0.14
Obesity No Yes	60.78±13.95 61.6±12.85	0.74

Supplemental Table 2. Distribution of Additional Clinical Characteristics by Threshold Sleep-Related Breathing Disorder scale of the Pediatric Sleep Questionnaire

Attention deficit hyperactivity disorder	5(6.0)	6(11.8)	0.331
History of tonsillectomy and/or adenoidectomy	2(2.4)	7(13.7)	0.027
Obesity	24(28.9)	23(45.1)	0.035

Supplemental Table 3. Additional Dental Visit Characteristics of Individual Components with San Diego Sleep Survey Scores

	Sleep Disorder	<i>P</i>	Sleep Disordered Breathing	<i>P</i>	Daytime Symptoms	<i>P</i>	Hygiene	<i>P</i>	Insomnia	<i>P</i>
Attention deficit hyperactivity disorder	No	0.66	13.99±6.23	0.24	19.26±5.8	0.2	9.82±2.29	0.62	12.98±3.36	0.45
	Yes		11.73±3.88		21.64±6.68		10.18±2.56		12.18±3.09	
History of tonsillectomy and/or adenoidectomy	No	0.5	13.68±6.14	0.37	19.21±5.74	0.08	9.83±2.32	0.73	12.83±3.35	0.31
	Yes		15.56±5.34		22.78±7.21		10.11±2.15		14±3.08	
Obesity	No	0.99	13.79±6.34	0.84	19±6.05	0.19	9.95±2.2	0.52	13.11±3.47	0.39
	Yes		14.02±5.6		20.4±5.53		9.68±2.52		12.6±3.08	