

Patient Information:

Name: Pamela K [REDACTED] **Date of Birth:** Mar 30, 1969
Referred by: Dr. Cam Brauer

Date of Pre-HSAT: Feb 9, 2022 **Date of Post-HSAT:** Sep 20, 2022

Patient History: Patient tested for OSA in February 2022 with mild OSA result. Patient pursued PX3 oral appliance therapy. Patient also has a CPAP machine that she uses on and off with the oral appliance. An approximate 1-month period was trialed with just PX3 before doing the post test.

Patient Perceived Changes:

- Patient has noticed significant improvement in how they feel with PX3. Patient experienced some jaw pain in the initial month of use.

Results:**Objective Findings:**

Key Parameter:	Pre- HSAT:	Post- HSAT:	Percent Change:	Technician Comments: *
Apnea Hypopnea Index (AHI) - Respiratory events per hour of sleep - Target < 5	23.7	1.7	92.8	Optimally Treated
Average SpO2	92.6	99	N/A	
Snores	841	7	99%	

* Based on Sleep Medicine Review article: Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis

MRG Sleep Department

Patient Information:

Name: Greg M [REDACTED] **Date of Birth:** April 26, 1978
Referred by: Dr. Brauer

Date of Pre-HSAT: May 20, 2022 **Date of Post-HSAT:** Nov 7, 2022

Patient History: Reason: Exploring OAT
Hx: Patient has been using PX3 for about 6 weeks.

Patient Perceived Changes:

Patient has noticed an improvement in energy and reduced tiredness throughout the day since using PX3. Patients' wife has noticed reduced snoring but not gone completely. Patient has no problems with awakenings throughout the night. Patient has had no joint pain issues or inability to wear the device.

Results:**Objective Findings:**

Key Parameter:	Pre- HSAT:	Post- HSAT:	Percent Change:	Technician Comments: *
Apnea Hypopnea Index (AHI) - Respiratory events per hour of sleep - Target < 5	20.2	22.1	9.4% Increase	Poorly Treated
Average SpO2	92	92	0%	

* Based on Sleep Medicine Review article: Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis

Subjective Findings:

Key Parameter:	Pre- HSAT:	Post- HSAT:	Percent Change:	Technician Comments:
Epworth Sleepiness Scale (ESS)	3	7	133% Increase	Increase in sleepiness

Patient Information:

Name: Josh W■■■■ **Date of Birth:** Sep 20, 1997

Date of Pre-HSAT: April 22, 2021 **Date of Post-HSAT:** May 27, 2021

Results:**Objective Findings:**

Key Parameter:	Pre- HSAT:	Post- HSAT:	Percent Change:	Technician Comments: *
Apnea Hypopnea Index (AHI) - Respiratory events per hour of sleep - Target < 5	18.3	5.1	72.1 Decrease	Optimally Treated
Average SpO2	92	93	1% Increase	
Snores	4241	1934	54% Decrease	Snoring decreased but still present

* Based on Sleep Medicine Review article: Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis

Patient Information:

Name: Lisa E [REDACTED] **Date of Birth:** June 30, 1971

Date of Pre-HSAT: May 9, 2021 **Date of Post-HSAT:** Sep 23, 2021

Results:**Objective Findings:**

Key Parameter:	Pre- HSAT:	Post- HSAT:	Percent Change:	Technician Comments: *
Apnea Hypopnea Index (AHI) - Respiratory events per hour of sleep - Target < 5	19.8	9.3	53% Decrease	Adequately Treated
Average SpO2	92	93	1% Increase	
Snores	1642	34	98% Decrease	Snoring greatly improved

* Based on Sleep Medicine Review article: Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis

Patient Information:

Name: Tanya D [REDACTED] **Date of Birth:** Apr 27, 1974
Referred by: Dr. Cam Brauer

Date of Pre-HSAT: Aug 31, 2022 **Date of Post-HSAT:** Oct 23, 2022

Patient History: **Reason:** Patient had noticed decreased quality of sleep and decided to explore PX3 as a treatment. Patient did not have a sleep study before the pretest.
Primary Complaints: Daytime sleepiness and memory issues

Patient Perceived Changes:

- Patient has become accustomed to sleeping with the oral appliance but states she does not feel any significant impact on quality of sleep.

Results:**Objective Findings:**

Key Parameter:	Pre-HSAT:	Post-HSAT:	Percent Change:	Technician Comments: *
Apnea Hypopnea Index (AHI) - Respiratory events per hour of sleep - Target < 5	27.7	25.2	9% decrease	Poorly Treated
Oxygen Desaturation Index (ODI) - Oxygen desaturations ≥3% per hour of sleep	35.2	28.7	18.5% decrease	
Average SpO2	88	87	1.1% decrease	
Snores	2523	3391	34.4% increase	

* Based on Sleep Medicine Review article: Phenotypes of responders to mandibular advancement device therapy in obstructive sleep apnea patients: A systematic review and meta-analysis

Subjective Findings:

Key Parameter:	Pre-HSAT:	Post-HSAT:	Percent Change:	Technician Comments:
Epworth Sleepiness Scale (ESS)	11	11	0	No change in perceived sleepiness