

## Home Sleep Test Report



Clinic Name: Good Sleep Co

Interpreting Clinician:

Referring Clinician:

### Patient Information

SleepImage Patient ID: NTSKEP

Patient Name: [REDACTED]

DOB: [REDACTED]

Date of test: [REDACTED]

Gender: M

Patient Number: 1142

Height ( m ):

Medicare:

Weight ( kg ):

ESS:

BMI:

### Report Summary

Sleep Quality, SQI:	61	Apnea-Hypopnea Index 3%:	10.4
Sleep Duration, TIB (min):	433	Obstructive:	10.4
Total Sleep Time, TST (min):	390	Central:	0.0
WASO (min):	44	RDI:	20.9
Sleep Efficiency (%):	89	ODI:	6.6
SpO <sub>2</sub> Min (%):	87	SpO <sub>2</sub> < 90%:	1 min - 0%
SpO <sub>2</sub> Max (%):	98	SpO <sub>2</sub> < 88%:	0 min - 0%
SpO <sub>2</sub> Mean (%):	95	SpO <sub>2</sub> < 80%:	0 min - 0%

Sleep disordered breathing parameters are calculated using an oxygen desaturation threshold of 3%.

The report contains 7.3 hours of data with average quality of 93%.

## Procedure/Technical Summary

Overnight sleep study was performed using the SleepImage System, a technically adequate photoplethysmography (PPG) device with six channels: Plethysmography (Sleep States), Heart Rate, Heart Rate Variability (HRV), Respiration (Plethysmography), Oxygen Saturation (SpO<sub>2</sub>) and Actigraphy. All channels were graphically recorded and documented to provide signals of sufficient quality to provide accurate conclusions for the intended purpose of clinical diagnosis based on various sleep related output metrics such as sleep duration (SD), total sleep time (TST), wake after sleep onset (WASO), sleep quality (SQI) and sleep disordered breathing (SDB) output metrics. The diagnosis is based on a combination of the output parameters of the Apnea Hypopnea Index (AHI), the Oxygen Desaturation Index (ODI), the Respiratory Disturbance Index (RDI), Fragmentation (Autonomic Arousals) and Periodicity (Central Sleep Apnea). This home sleep test is FDA-cleared for diagnosis of obstructive and central sleep apnea, using standards put forth by the American Academy of Sleep Medicine (AASM). After reviewing the auto-generated output, all raw data was utilized for scoring and detailed interpretive review to confirm or edit respiratory events, using desaturations [ $\geq 3\%$ ] or [ $\geq 4\%$ ] for the clinical diagnosis by a Board-Certified Sleep Medicine Physician.

## Report Detail

Sleep Quality, SQI:	61		3%	4%
Report Start:	2023-04-28 00:18:43	AHI:	10.4	3.5
Report End:	2023-04-28 07:38:11	OAI:	10.4	3.5
Sleep Onset:	2023-04-28 00:20:51	CAI:	0.0	0.0
Sleep Conclusion:	2023-04-28 07:33:55	RDI:	20.9	20.9
Average Signal Quality (%)	93	ODI:	6.6	3.7
Sleep Period, TIB (min):	433	Event Duration:		
Sleep Latency (min):	2	Min (sec):	10	
Total Sleep Time (min):	390	Max (sec):	45	
StableNREM (%):	50	Mean (sec):	19	
UnstableNREM (%):	30	SpO <sub>2</sub> :		
REM (%):	20	Min:	87	
WASO (min):	44	Max:	98	
Sleep Efficiency (%):	89	Mean:	95	
Fragmentation (%):	15	< 90%:	1 Minutes	0%
Periodicity (%):	0	< 88%:	0Minutes	0%
SAI (%):	6	< 80%:	0 Minutes	0%

