

Respiration Report

▶ Patient Information

Full Name	Papsap	Date of Birth
Patient ID	5131	Height
Address		Weight
ZIP/Postal Code		BMI
City		Age
Phone/Mobile		

▶ Recording Information

Recording Date	2/28/17	Bed Time Starts	10:00 PM
Recording Time	10:00 PM	Bed Time Ends	5:59 AM
Recording Duration	7h 59m 58s	Time in Bed	7h 59m (480.0m)

▶ Respiration Overview

AHI **17.4** ODI **15.5** Snore Index **32.8%**

AHI is the number of Apneas and Hypopnea per hour. ODI is the number of oxygen desaturations per hour. Snore Index is the percentage of time spent snoring versus the total time spent in bed.

▶ Respiratory Indices

	total	supine
Apnea/Hypopnea Index	17.4 /h	40.2 /h
Apnea Index	3.4 /h	9.5 /h
Hypopnea Index	14.0 /h	30.7 /h
Snore Index	32.8 %	51.3 %
Flow Limitation Index	0.0 %	0.0 %
Longest Apnea	20 s	19 s
Longest Hypopnea	71 s	59 s

▶ Respiratory Count

	total	supine
Apneas	27	9
Obstructive	27	9
Mixed	0	0
Central	0	0
Hypopneas	112	29
Average Apnea	16 s	14 s
Average Hypopnea	28 s	26 s

▶ Saturation

	total	supine
Desaturation Index	15.5 /h	38.1 /h
Desaturation Count	124	36
Lowest SpO2	83.0 %	83.0 %
Average SpO2	96.0 %	95.1 %
Baseline SpO2	96.3 %	96.1 %
Desaturation < 90%:	1.5 /h	10.6 /h
Desaturation < 85%:	0.1 /h	1.1 /h
SpO2 time < 90%:	0.5 %	3.6 %
SpO2 time < 85%:	0.0 %	0.2 %

▶ Pulse

	total	supine
Average Pulse	85 bpm	86 bpm
Highest Pulse	116 bpm	116 bpm
Lowest Pulse	66 bpm	69 bpm
Pulse time < 40bpm	0.0 %	0.0 %
Pulse time > 100bpm	2.7 %	2.9 %
Average Pulse SD	4.4 bpm	5.8 bpm
Average Desat Drop	5.3 %	6.4 %
Average Low Desat	92.1 %	90.5 %

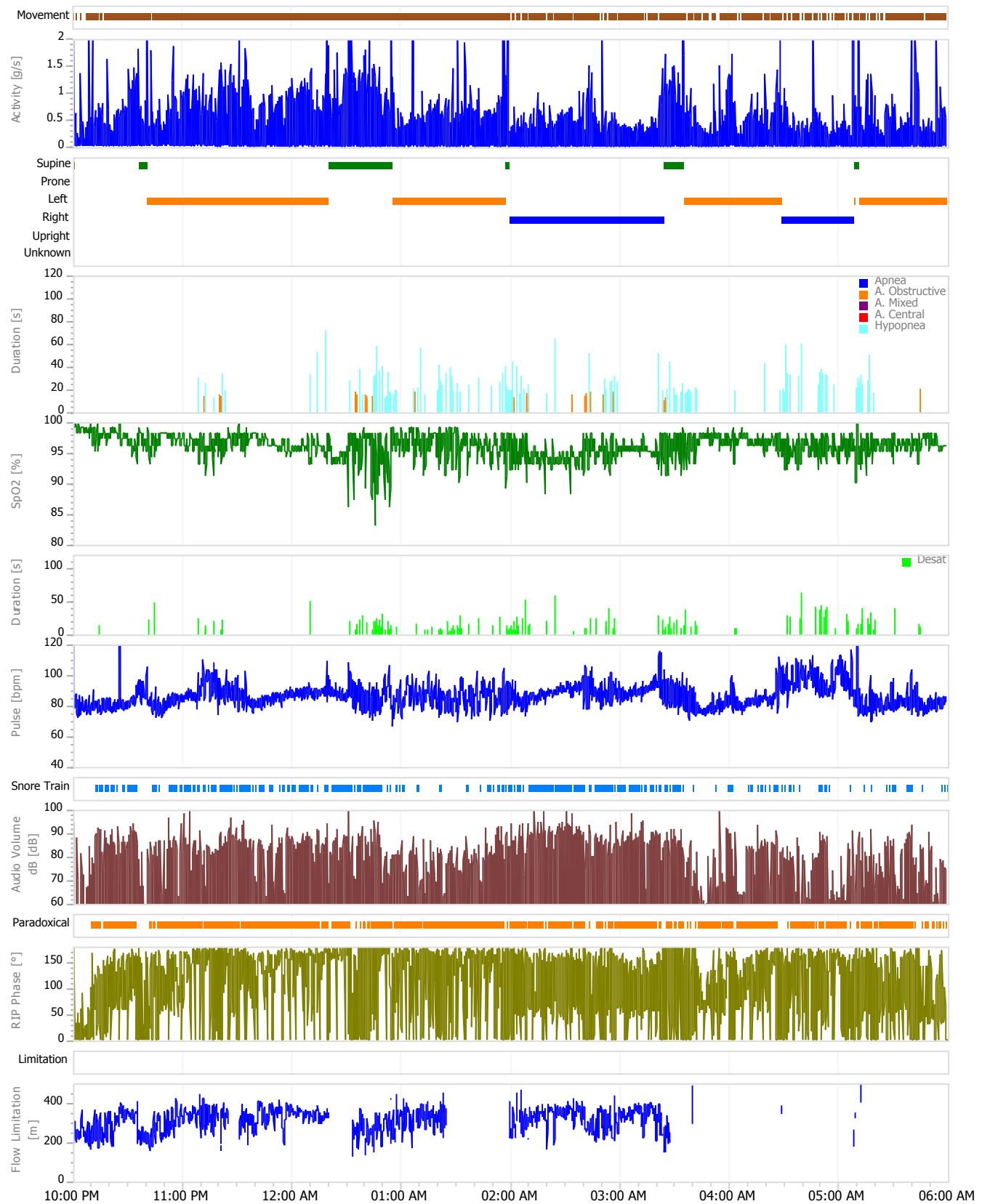
▶ Position and Activity

Supine Time	56.7 m	11.8 %
Non-Supine Time	387.3 m	80.7 %
Upright Time	0 m	0.0 %
Activity Time	422.3 m	88.0 %
Invalid Data Time	0 m	0.0 %

▶ Other

	total	supine
Oximeter Quality	99.8 %	Good
Flow Quality	61.2 %	Poor
RIP Quality	100.0 %	Good
Paradoxical Index	82.2 %	65.8 %
Est. Sleep Efficiency	12.0 %	0.0 %
Respiration Rate	20.7	20.9

Trend Overview



▶ Patient Notes

▶ Interpretation Notes

▶ Technician Notes

Technician Name

J. Parker, RPSGT

Notes

Scored using the AASM alternate rule.
Soft to loud snoring.

▶ Analysis Settings

Scoring Name: J. Parker, RPSGT

Position changes when at least 5 seconds of continuous position is found.

Movement is detected when the activity signal exceeds a threshold of 0.2 for a minimum of 1 seconds.

Apneas are scored where there is a 90% drop in the Flow signal for between 10 and 120 seconds. Hypopneas are scored where there is a 30% drop in the Flow signal for between 10 and 120 seconds followed by a 4% drop in saturation.

Paradoxical breathing is detected when the phase difference between the abdomen and thorax RIP belts exceeds 40° for at least 30 seconds. Flow limitation is detected when an inhalation has a flattening index value of 0.15 or less.

A tachy cardia is added when the heart rate exceeds 100bpm for at least 20 seconds. Brady cardia is scored when the heart rate falls below 40bpm for at least 20 seconds.