

MEDIByte SNORE REPORT

PATIENT Doe, Jack

Patient ID: 1234

Study Date: 04/27/2012 (MM/DD/YYYY)

Date of Birth: 05/28/1970 (MM/DD/YYYY)

Age: 41

Sex: Male

Height: 5' 11" (180 cm)

Weight: 190.0 lbs

BMI: 26.5

Waist-Hip Ratio: 0.95

AHI: 2.9

RDI: 18.4

Chart Code: 0987654321

Referring Physician:

Study Date: 04/27/12

Total Recording

Time: 389.0 minutes

Severe >30
Moderate 15-30
Mild 5-15
Normal <5



HOME SLEEP APNEA TESTING DEVICE

The MediByte®, 12-channel Type 3 home sleep apnea and snoring recorder, was used to evaluate sleep-disordered breathing. The following parameters were recorded for a duration of 389.0 minutes: Snoring Audio, Volume in decibels, Snoring (high frequency vibrations in airflow), oronasal pressure Airflow, thermal Airflow, RIP Chest/Abdominal/Sum Effort, SpO₂, Pulse Rate, Body Position, and User Events.

Note: Respiratory events were scored using the following rules: Apneic events required a 95% or more reduction in airflow, Hypopneic events required a 30% reduction in airflow along with an accompanying 4% oxygen desaturation.

COMMENTS

Follow-up sleep apnea study using oral appliance.

OXIMETRY	SpO ₂ Range	
	%	Minutes
98-100 %	4.2%	16.4
96-98 %	73.2%	284.5
94-96%	22.3%	86.8
92-94 %	0.3%	1.2
90-92 %	0.0%	0.0
90-100 %	100.0%	388.8
80-89 %	0.0%	0.0
70-79 %	0.0%	0.0
60-69 %	0.0%	0.0
50-59 %	0.0%	0.0
< 50%	0.0%	0.0
Total <88 %	0.0%	0.0

	Total	Index	
Desaturations ≥4%	16	2.5	
	Mean	Min.	Max.
SpO ₂ (%)	96.1	91.0	98.0
Pulse (BPM)	66.7	57.0	127.0

PULSE	Pulse Rate Range	
	%	Minutes
125-150 %	0.0%	0.0
100-125 %	0.0%	0.0
75-100%	1.8%	6.9
50-75 %	98.2%	382.0
25-50 %	0.0%	0.0

*Respiratory events are defined in the Assisted Scoring User Settings and in the User Guide. Final clinical decisions and degree of accuracy are the sole responsibility of the clinician using this software.

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RESPIRATORY	Total	Index	Duration (sec)		
			Mean	Min.	Max.
Breaths	4939	761.8	4.3	0.7	11.1
Central Apneas	10	1.5	15.7	10.5	23.0
Obstructive Apneas	0	0.0	0.0	0.0	0.0
Mixed Apneas	0	0.0	0.0	0.0	0.0
Hypopneas	9	1.4	32.3	12.0	48.2
Apnea+Hypopnea	19	2.9	23.6	10.5	48.2
Snoring Sounds (SSD)	623	96.1	1.0	0.3	2.0
Snoring Flow (SNR)	4038	622.8	0.8	0.2	3.8
Flow Limitation (FL)	691	106.6	1.3	0.6	4.1
Desaturations	16	2.5	49.7	16.5	207.9
RERAs	100	15.4	34.9	11.8	151.8

SNORING VOLUME

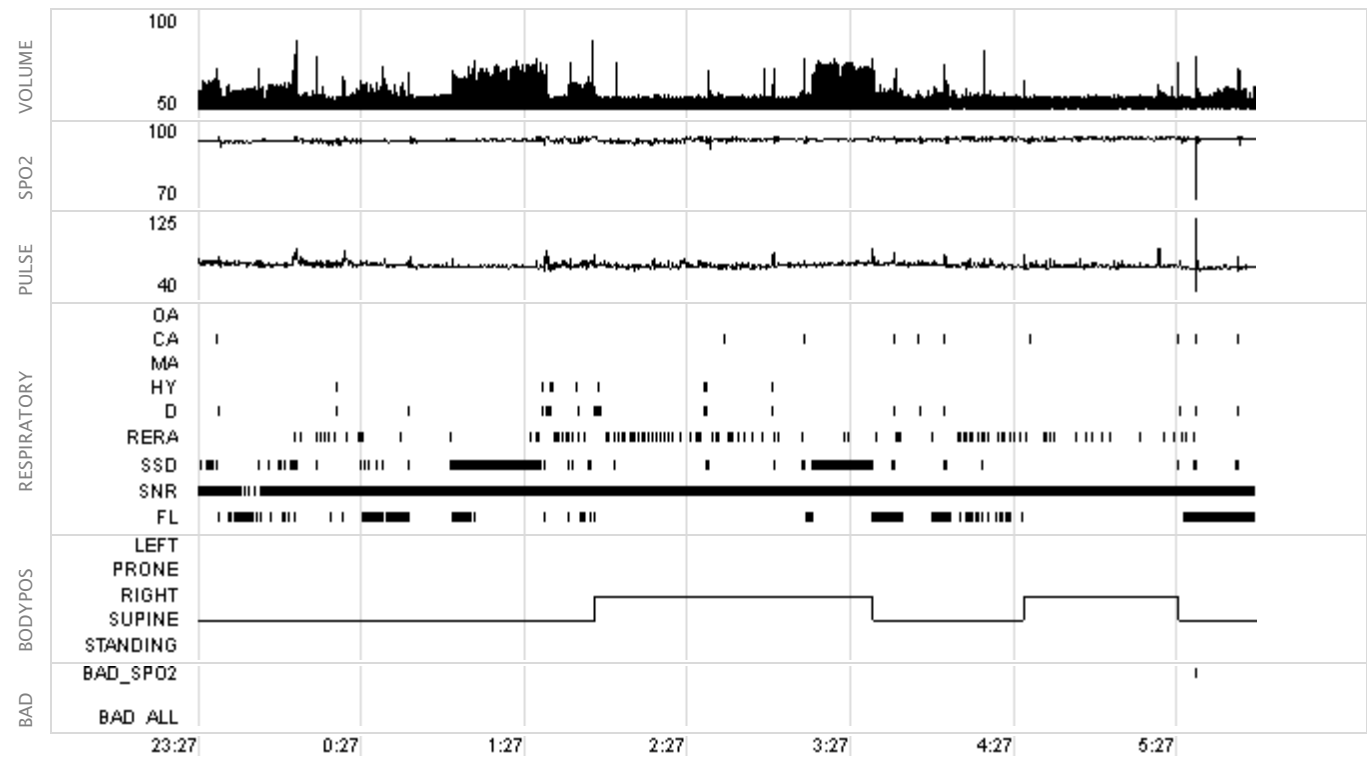
RANGE	% Time
90-100 dB	0.0%
80-90 dB	0.0%
70-80 dB	0.5%
60-70 dB	2.4%
50-60 dB	43.9%
40-50 dB	53.3%
Mean Snore dB	65.9

EVENTS

BY BODY POSITION	Supine	Non-Supine	Right	Left	Prone
% Time in Position	59.0%	41.0%	41.0%	0.0%	0.0%
Total Breaths	2823	2116	2116	0	0
Snoring Sounds (SSD)	378	245	245	0	0
Snoring Flow (SNR)	2195	1843	1843	0	0
Flow Limitation (FL)	676	15	15	0	0
Apneas + Hypopneas	12	7	7	0	0
Apnea + Hypopnea Index	3.1	2.6	2.6	0.0	0.0

BREATH STATS

Total Breaths	4939
with FL	828
with FL or SSD	1434
% FL Breaths	16.8%
% FL Breaths or SSD	29.0%



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