



## Sleep Study Report

### Sleep Summary

|                         |                      |
|-------------------------|----------------------|
| Start Study Time:       | 10:17:43 PM          |
| End Study Time:         | 6:14:10 AM           |
| Total Recording Time:   | 7 hrs, 56 min        |
| <b>Total Sleep Time</b> | <b>7 hrs, 37 min</b> |
| % REM of Sleep Time:    | 23.2                 |

### Respiratory Indices

|           | Total Events | REM  | NREM | All Night |
|-----------|--------------|------|------|-----------|
| pRDI:     | 544          | 79.8 | 69.9 | 72.2      |
| pAHI 3%:  | 537          | 77.5 | 69.4 | 71.3      |
| ODI 3%:   | 522          | 78.6 | 66.5 | 69.3      |
| pAHIc 3%: | 87           | 17.5 | 9.8  | 11.5      |
| % CSR:    | 0.0          |      |      |           |
| pAHI 4%:  | 494          |      |      | 65.6      |
| ODI 4%:   | 474          |      |      | 62.9      |

Indices are calculated using technically valid sleep time of 7 hrs, 32 min.

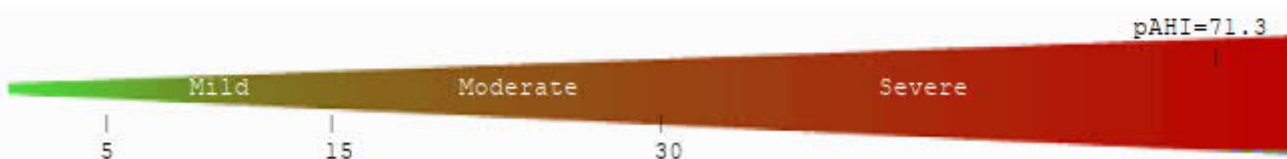
pRDI is calculated using oxi desaturation  $\geq 3\%$

### Oxygen Saturation Statistics

|                                   |               |                |               |               |               |
|-----------------------------------|---------------|----------------|---------------|---------------|---------------|
| Mean:                             | 92            | Minimum:       | 74            | Maximum:      | 99            |
| Mean of Desaturations Nadirs (%): | 89            |                |               |               |               |
| <b>Oxygen Desatur. %:</b>         | <b>3-9</b>    | <b>10-20</b>   | <b>&gt;20</b> | <b>Total</b>  |               |
| Events Number                     | 372           | 146            | 4             | 522           |               |
| Total                             | 71.3          | 28.0           | 0.8           | 100.0         |               |
| <b>Oxygen Saturation:</b>         | <b>&lt;90</b> | <b>&lt;=88</b> | <b>&lt;85</b> | <b>&lt;80</b> | <b>&lt;70</b> |
| Duration (minutes):               | 50.5          | 36.1           | 9.6           | 1.3           | 0.0           |
| Sleep %                           | 11.0          | 7.9            | 2.1           | 0.3           | 0.0           |

### Pulse Rate Statistics during Sleep (BPM)

|       |    |          |    |          |    |
|-------|----|----------|----|----------|----|
| Mean: | 54 | Minimum: | 37 | Maximum: | 92 |
|-------|----|----------|----|----------|----|



\* Reference values are given by physician



## Sleep Study Report

### PAT Respiratory Events

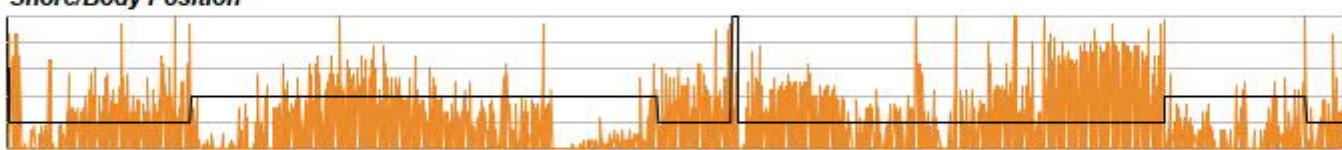
OSA CSA other



Excluded periods

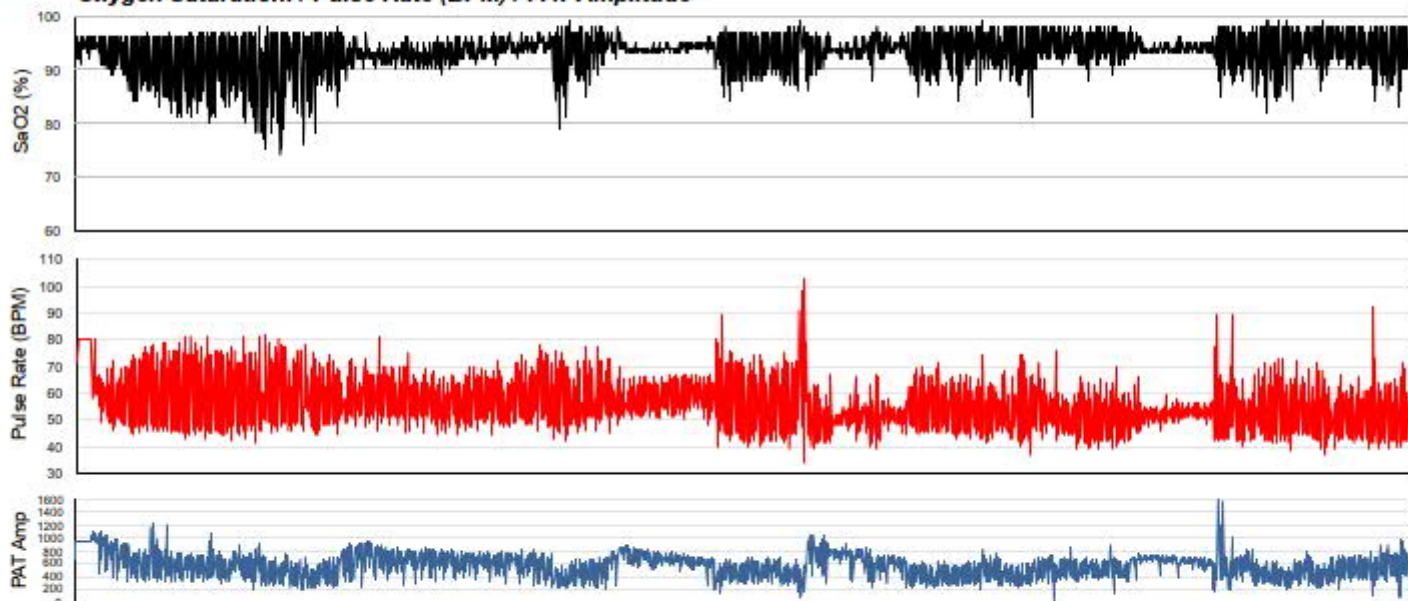
### Snore/Body Position

Sit  
Prone  
Left  
Right  
Supine  
N/A



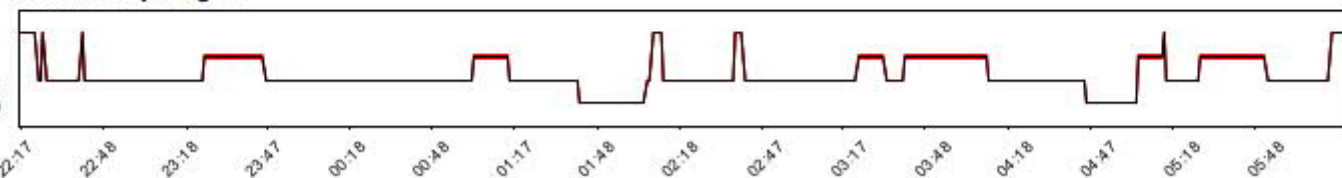
70  
64  
58  
52  
46  
40  
dB

### Oxygen Saturation: / Pulse Rate (BPM) / PAT Amplitude



### Wake / Sleep stages

Wake  
REM  
L Sleep  
D Sleep

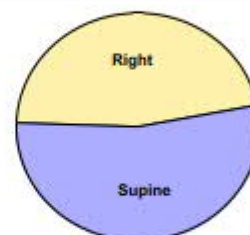




## Sleep Study Report

### Body Position Statistics

| Position    | Supine | Prone | Right | Left | Non-Supine |
|-------------|--------|-------|-------|------|------------|
| Sleep (min) | 245.5  | 0.0   | 212.0 | 0.0  | 212.0      |
| Sleep %     | 53.7   | 0.0   | 46.3  | 0.0  | 46.3       |
| pRDI        | 83.4   | N/A   | 59.3  | N/A  | 59.3       |
| pAHI 3%     | 83.1   | N/A   | 57.5  | N/A  | 57.5       |
| ODI 3%      | 81.1   | N/A   | 55.5  | N/A  | 55.5       |



### Snoring Statistics

| Snoring Level (dB) | >40   | >50  | >60  | >70 | >80 | >Threshold (45) |
|--------------------|-------|------|------|-----|-----|-----------------|
| Sleep (min)        | 237.5 | 77.1 | 16.7 | 0.0 | 0.0 | 151.3           |
| Sleep %            | 51.9  | 16.9 | 3.7  | 0.0 | 0.0 | 33.1            |

Mean: 45 dB

### Sleep Stages Chart

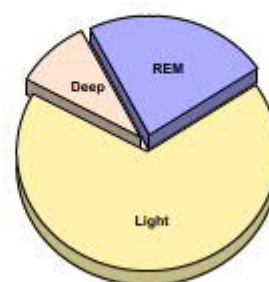
Sleep/Wake States



|        |         |
|--------|---------|
| Wake   | 3.99%   |
| Sleep  | 96.01%  |
| Total: | 100.00% |

Sleep Latency (min): 6  
REM Latency (min): 60  
Number of Wakes: 7

Sleep Stages



|        |         |
|--------|---------|
| REM    | 23.17%  |
| Light  | 67.32%  |
| Deep   | 9.51%   |
| Total: | 100.00% |