Apnea Link Air Interpretations

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BlueSleep®





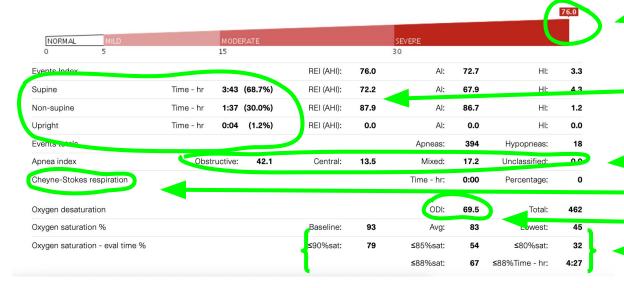
Patient details Diagnostic Prescription Notes Logs

Recording: Raw data signals

1 Click here to see the raw signal

| Device | | | ApneaLink Air | Type: | |
|------------------------------|------------------|---------------|--------------------|----------------|------|
| Recording | Date: 07/30/2019 | Start: 1:52am | End: 8:44am | Duration - hr: | 6:52 |
| Monitoring time (flow) | | Start: 2:02am | End: 8:33am | Duration - h | 5:25 |
| Oxygen saturation evaluation | | Start: 2:02am | End: 8:44am | Duration - hr | 6:38 |

Statistics



Page 1 Apnea Link Air report

2.Make sure duration is sufficient for recording time, monitoring time (air flow cannula), and oxygen saturation evaluation (pulse oximeter) None of these can be zero. Usually want at least 2 hours.

3. This is the average AHI all night in all positions

4.Note the time in different sleeping positions, and the score in those positions. Pay attention to time in supine position

5.Look at the distribution of types of events

6. Cheyne Stokes not very reliable

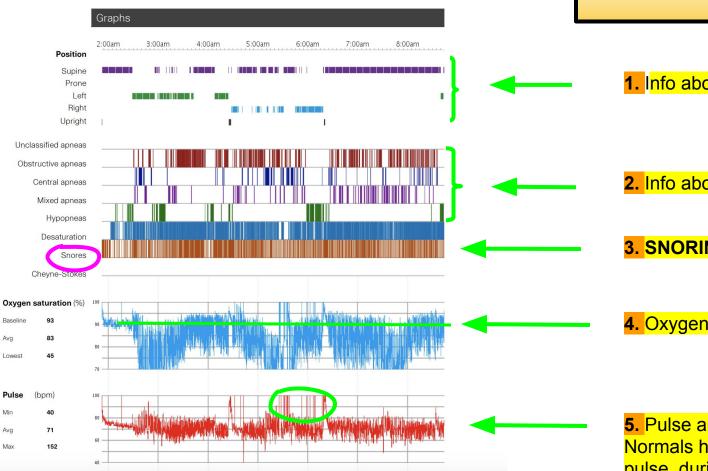
7.ODI is Oxygen Desaturation index

8.Info about duration of hypoxia in percentage and total time



Age: 52

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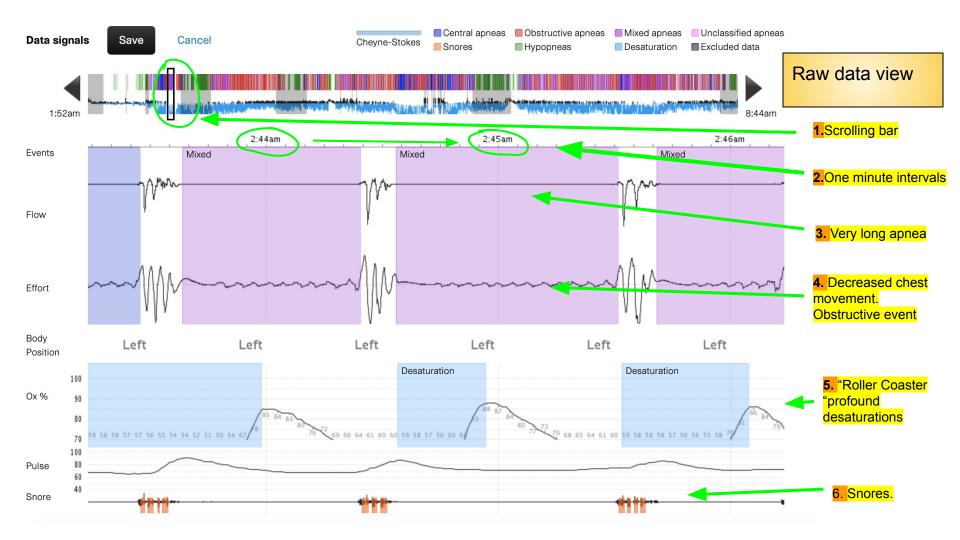
1. Info about sleep position

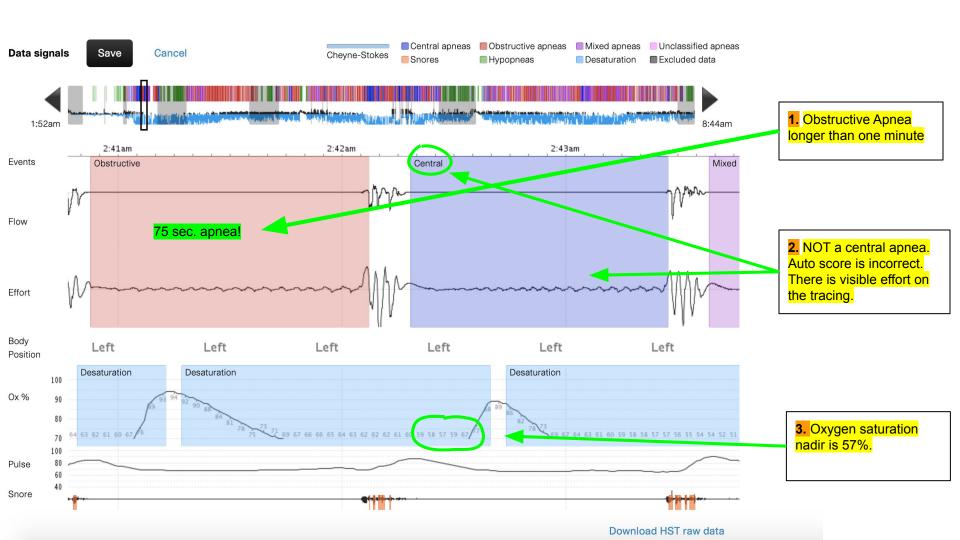
2. Info about events

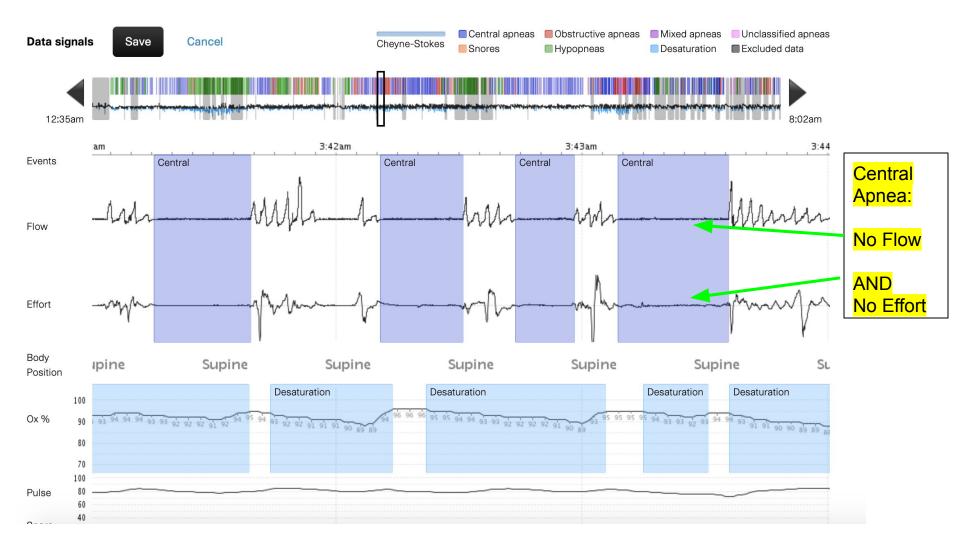
3. SNORING

4. Oxygen Saturation

5. Pulse and movement artifact. Normals have a decrease in pulse during night sleep







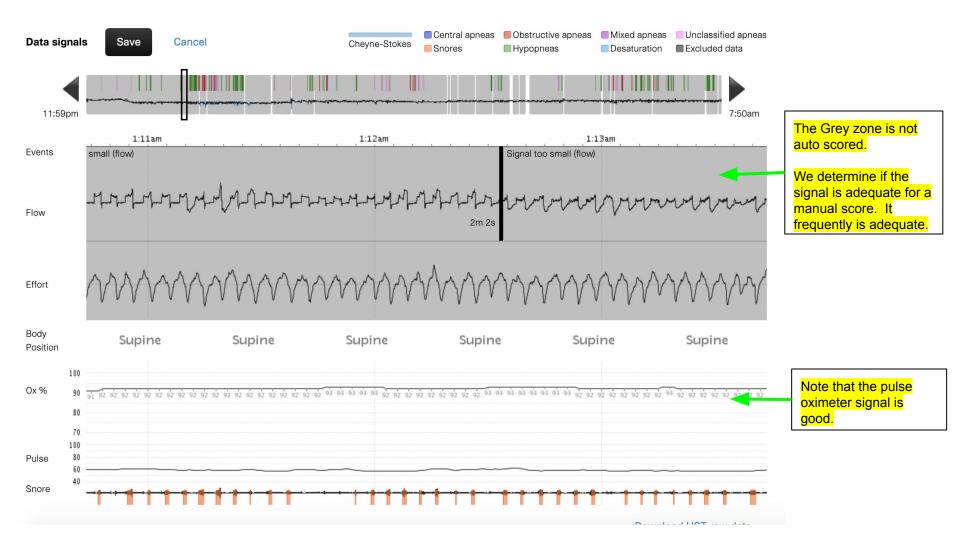
| Recording details | | | | | 08/08/ | 2019 |
|------------------------------|--------|---------|------|-----------|----------------|------|
| Device | | | Apne | aLink Air | Type: | Ш |
| Recording | Start: | 11:59pm | End: | 7:50am | Duration - hr | 7:51 |
| Monitoring time (flow) | Start: | 12:26am | End: | 7:48am | Duration - Ir: | 2:35 |
| Oxygen saturation evaluation | Start: | 12:09am | End: | 7:50am | Duration - hr: | 7:37 |

Statistics

| | | 18.1 | | | | | |
|----------------|-------------------|----------------|------|--------------|------|-----------------|------|
| NORMAL MILD | | MODERATE 15 | | SEVERE 30 | | | |
| Events index | | REI (AHI): | 18.1 | AI: | 11.2 | HI: | 6.9 |
| Supine | | | | Time - hr | 2:29 | Percentage: | 96.3 |
| | | REI (AHI): | 18.8 | AI: | 11.6 | HI: | 7.2 |
| Non-supine | | | | Time - hr | 0:05 | Percentage: | 3.7 |
| | | REI (AHI): | 0.0 | AI: | 0.0 | HI: | 0.0 |
| Upright | | | | Time - hr | 0:00 | Percentage: | 0.0 |
| | | REI (AHI): | 0.0 | AI: | 0.0 | HI: | 0.0 |
| Events totals | | | | Apneas: | 29 | Hypopneas: | 18 |
| Apnea Index | Obstructive: | 8.1 Central: | 0.0 | Mixed: | 0.0 | Unclassified: | 3.1 |
| Cheyne-Stokes | respiration | | | Time - hr: | 0:00 | Percentage: | 0 |
| Oxygen desatu | ration | | | ODI: | 12.1 | Total: | 92 |
| Oxygen saturat | ion % | Baseline: | 98 | Avg: | 94 | Lowest: | 81 |
| Oxygen saturat | ion - eval time % | <=90%sat: | 3 | <=85%sat: | 0 | <=80%sat: | 0 |
| | | | | <=88%sat: | 1 | <=88%Time - hr: | 0:02 |
| Breaths | | Total: | 1333 | Avg/min: | 8.6 | Snores: | 1305 |
| Pulse - bpm | | Min: | 43 | Avg: | 55 | Max: | 206 |

Notice the different (low) monitoring time compared to the recording time

This is why we do a manual score.



Central Apnea

88 year old male



Back to patients

Patient details Diagnostic Prescription Notes Logs

Recording: Raw data signals

| Device | | | ApneaLink Air | Type: | Ш |
|------------------------------|------------------|----------------|--------------------|----------------|------|
| Recording | Date: 08/09/2019 | Start: 12:35am | End: 8:02am | Duration - hr: | 7:26 |
| Monitoring time (flow) | | Start: 12:45am | End: 8:01am | Duration - hr: | 5:23 |
| Oxygen saturation evaluation | | Start: 12:45am | End: 8:02am | Duration - hr: | 7:14 |

Statistics

| | | | | | | | | 77.1 |
|---------------------------------|-----------|---------------|------------|------|------------|------|----------------|------|
| NORMAL MILD | | MODERATE | | | SEVERE | | | |
| 0 5 | | 15 | | | 30 | | | |
| Events Index | | | REI (AHI): | 77.1 | AI: | 62.7 | HI: | 14.5 |
| Supine | Time - hr | 5:19 (98.8%) | REI (AHI): | 78.0 | AI: | 63.4 | HI: | 14.6 |
| Non-supine | Time - hr | 0:00 (0.2%) | REI (AHI): | 0.0 | AI: | 0.0 | HI: | 0.0 |
| Upright | Time - hr | 0:03 (1.0%) | REI (AHI): | 0.0 | Al: | 0.0 | HI: | 0.0 |
| Events totals | | | | | Apneas: | 338 | Hypopneas: | 78 |
| Apnea index | Obst | ructive: 14.1 | Central: | 46.9 | Mixed: | 0.4 | Unclassified: | 1.3 |
| Cheyne-Stokes respiration | | | | | Time - hr: | 0:00 | Percentage: | 0 |
| Oxygen desaturation | | | | | ODI: | 63.3 | Total: | 458 |
| Oxygen saturation % | | | Baseline: | 96 | Avg: | 93 | Lowest: | 77 |
| Oxygen saturation - eval time % | | | ≤90%sat: | 21 | ≤85%sat: | 2 | ≤80%sat: | 0 |
| | | | | | ≤88%sat: | 8 | ≤88%Time - hr: | 0:36 |
| Breaths | | | Total: | 2092 | Avg/min: | 6.5 | Snores: | 89 |
| | | | i otali | | , y | 0.0 | 0110100 | |



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BOYLE, J

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