

NightShift™

intelligent, interactive monitoring



Clinically proven to:

- Reduce positional obstructive sleep apnea and snoring
- Improve sleep architecture and sleep continuity
- Reduce sleep apnea symptoms e.g., daytime sleepiness, depression, etc.

How it works:

- Delivers vibro-tactile feedback to limit back (supine) sleep
- Adapts feedback intensity to minimize awakenings
- Provides user time to fall asleep before initiating treatment



Monitors up to 365 days of:

- User compliance
- Treatment efficacy
- Sleep efficiency
- Sleep fragmentation
- Loud snoring



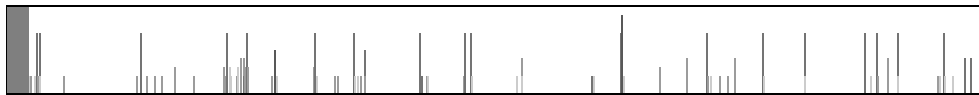
Therapy Mode – Feedback On

Wednesday, April 02, 2014 22:17

No. Supine Attempts: 11

Feedbacks/Attempt: Typical: 18 Minimum: 2 Maximum: 32

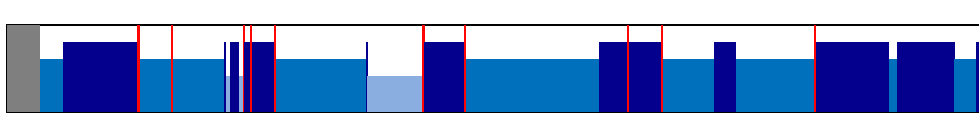
Behavioral Sleep/Wake
Movement Intensity



Time(hr) Record Sleep 7.9
%Eff 86.4
WASO(min) 48.5
Awaken(/hr) 6.7

Sleep Position

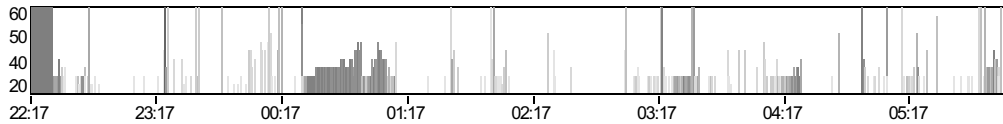
■ Supine ON ■ OFF
■ Left
■ Right
■ Prone
■ Upright



Supine Time(hr) 0.1
% Time 1.1

Snoring Level

Decibels (dB)



%>50dB Overall 1.3
Supine NA
Non-supine 1.3

22:17 23:17 00:17 01:17 02:17 03:17 04:17 05:17 06:17

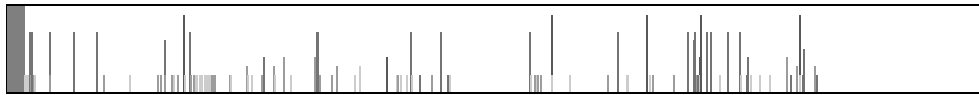
Monitoring Mode – Feedback Off

Wednesday, March 26, 2014 22:11

No. Supine Attempts: 5

Feedbacks/Attempt: Feedback Off

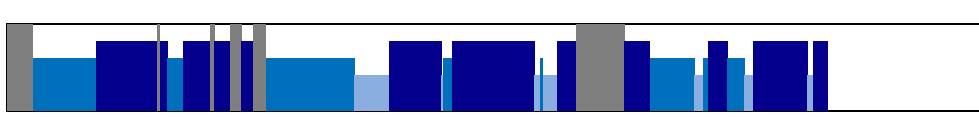
Behavioral Sleep/Wake
Movement Intensity



Time(hr) Record Sleep 8.2
%Eff 81.1
WASO(min) 77.5
Awaken(/hr) 8.1

Sleep Position

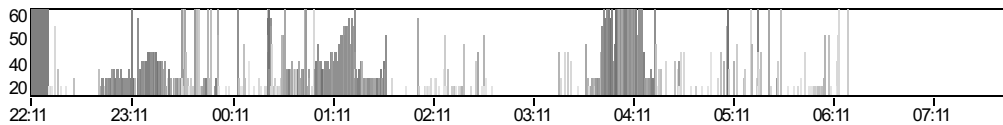
■ Supine ON ■ OFF
■ Left
■ Right
■ Prone
■ Upright



Supine Time(hr) 0.7
% Time 10.2

Snoring Level

Decibels (dB)

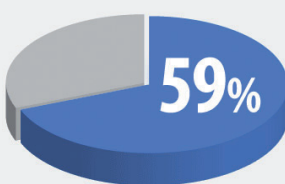


%>50dB Overall 13.8
Supine 100.0
Non-supine 4.0

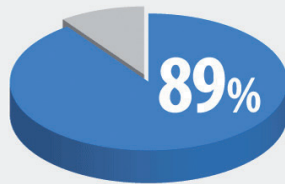
22:11 23:11 00:11 01:11 02:11 03:11 04:11 05:11 06:11 07:11 08:11

Significant Clinical Findings*

Snoring & Sleep Apnea - % Who Improved



Reduced Loud Snoring



Reduced Sleep Apnea Severity

69%

Average Reduction in Sleep Apnea Severity & Oxygen Desaturations

Sleep Quality - % Who Improved

More Deep Sleep - Stage 2

77%

Less Light Sleep - Stage 1

87%

80% Fewer Arousals

Resulted in

Reduced Awakenings 69%

Less Fragmented Sleep

*Study results published in the Journal of Clinical Sleep Medicine

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