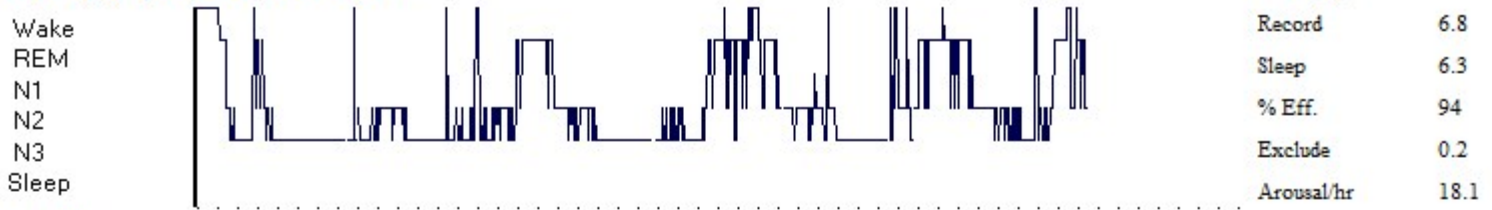


Sleep Profiler Sleep Study Report

Patient Name	Greenaway, Ben			Study Date	10/16/2012
Record time (hr)	6.8	Sleep time (hr)	6.3	Sleep Efficiency (%)	94
Latencies	Min	Valid Sleep Time	%	Sleep Cycles	No.
Sleep Onset	11	Stage R	19.2	Number cycles	4
Stage R	0	Stage N3	48.8	Average cycle (min)	99.1
Stage N3	5	Stage N2	31.8	Predicted OSA risk	Low
Awake	24	Stage N1	0.1	Predicted OSA severity	Minimal

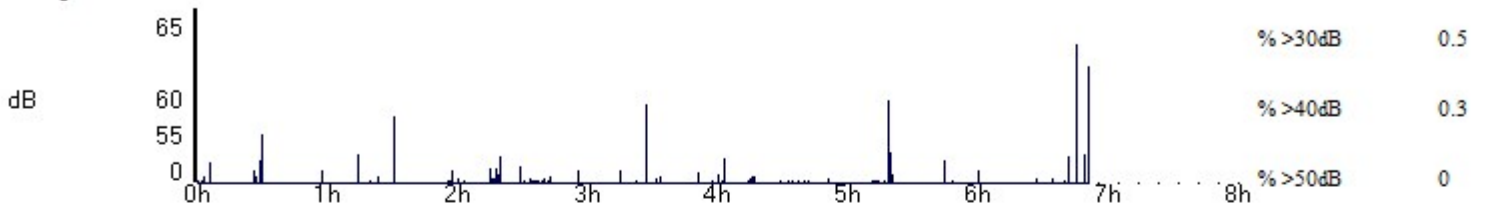
Sleep Staging by EEG with cortical arousals



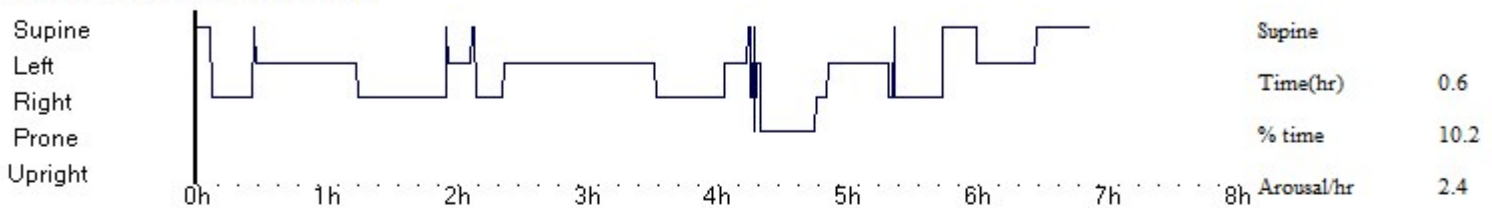
Pulse Rate



Snoring Level



Head Position with movement arousals



Medical History

Age	23	High Blood Pressure	No	Snoring Frequency	Rarely
Gender	Female	Diabetes	No	Wake up choking	Rarely
Height (in)	68.9	Sleep Apnea	No	Told stopped breathing	Never
Weight (lb)	149.9	Insomnia	Yes	Falling or staying asleep	Frequently
Body mass index	22	Restless leg syndrome	No	Hard keeping legs still	Never
Neck size (in)	11.8	Narcolepsy	No	Nightmares	Rarely
Epworth score	6	PTSD/TBI		Night sweats/hot flashes	No
Heart Disease	No	Depression	Yes	A.M. headaches	No
Stroke	No	Rx Pain medication	No	Sleeping pills	No

Sleep Profiler Sleep Study Report

Patient Name	Greenaway, Ben			Study Date	10/21/2012
Record time (hr)	7	Sleep time (hr)	6.6	Sleep Efficiency (%)	95.6
Latencies	Min	Valid Sleep Time	%	Sleep Cycles	No.
Sleep Onset	10	Stage R	22.4	Number cycles	6
Stage R	59	Stage N3	24.9	Average cycle (min)	67.6
Stage N3	8	Stage N2	44.5	Predicted OSA risk	Low
Awake	18	Stage N1	8.3	Predicted OSA severity	Minimal

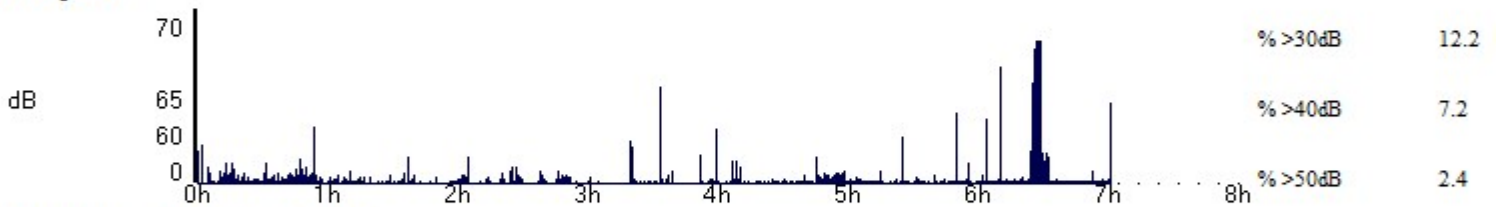
Sleep Staging by EEG with cortical arousals



Pulse Rate



Snoring Level



Head Position with movement arousals



Sleep Profiler Multi-Night Comparison Report

Patient Name

Greenaway, Ben

Date of Night 1

10/16/2012

Date of Night 2

10/21/2012

COMPARISON FINDINGS

	Night One	Night Two
Recording Time (Hours)	6.8	7
Sleep Time (Hours)	6.3	6.6
Valid EEG Sleep Time (Hours)	6.3	6.6
Excluded EEG (Hours)	0.2	0.2
Sleep Efficiency	94%	95.6%
Number of Sleep Cycles	4	6
Average Sleep Cycle Time (Minutes)	99	68
Percent (%) Time		
Stage R (REM)	19.2%	22.4%
Stage N1 (NREM 1)	0.1%	8.3%
Stage N2 (NREM 2)	31.8%	44.5%
Stage N3 (NREM 3 / SWS)	48.8%	24.9%
Total Hours		
Wake	0.4	0.3
Stage R (REM)	1.2	1.5
Stage N1 (NREM 1)	0	0.5
Stage N2 (NREM 2)	2	2.9
Stage N3 (NREM 3 / SWS)	3.1	1.6
Total Minutes		
Sleep Onset Latency	11	10
REM Latency	0	59
NREM 3 Latency	5	8
Arousals per Hour		
Cortical	18.1	12.5
Pulse Rate	32.8	58.2
Snoring	2.7	5.8
Movement	2.4	8.5
Percent (%) Time Snoring		
> 30dB = quiet whisper	0.5	12.2
> 40dB = normal conversation	0.3	7.2
> 50dB = loud singing	0	2.4
Pulse Rate		
Mean +/- 1 S.D.	65+/- 4.7	63+/- 5.7
Max/Min	86/ 52	91/ 45