

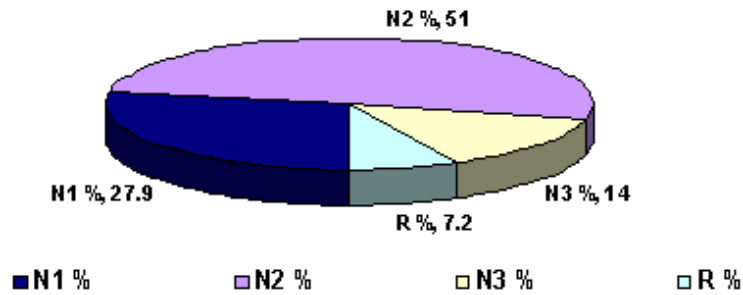
# Wisconsin Sleep Cohort Study Sleep Summary Report

ID#: X0548\_4

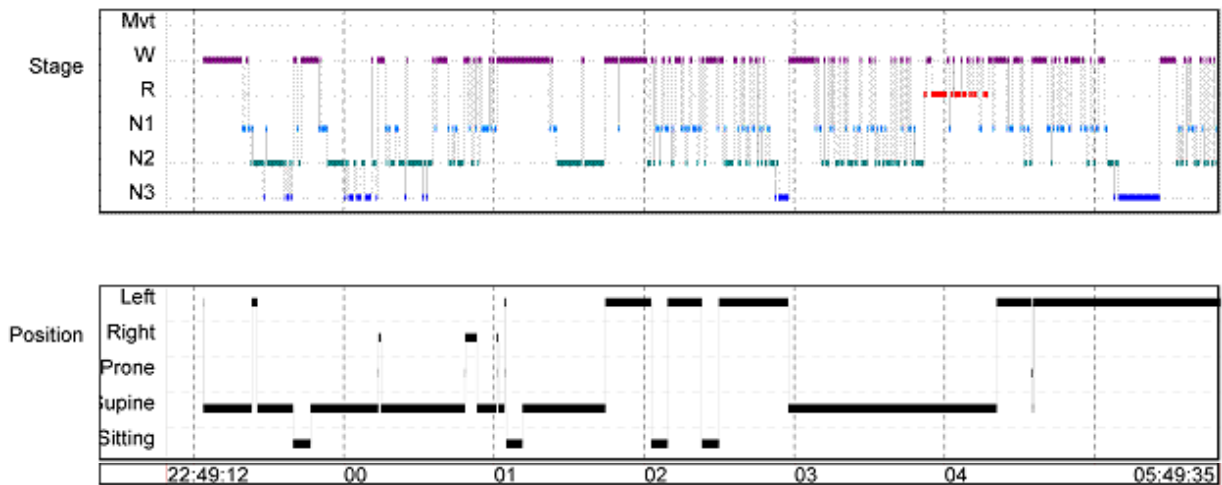
Study Date: 1/14/2010

	Time (min.)	% of TST
Time In Bed (TIB):	405	
Total Sleep Time (TST):	236.5	100 %
Total Stage N1 Sleep:	66	27.9
Total Stage N2 Sleep:	120.5	51.0
Total Stage N3 Sleep:	33	14.0
Total R Sleep:	17	7.2

**Sleep Stage Chart**



**Sleep Stage and Body Position Graphs**



**Preliminary Report**

ID#:	A0548_4	Study Date:	1/14/2010
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# of REM Periods:	1	Lights Out Time:	11:03:42 PM
# of Stage Shifts:	273.0	Lights On Time:	05:48:42 AM
Sleep Efficiency (%):	58.4		

<b>Sleep Summary</b>	Minutes	Hours	% (TIB)	% (TST)
Time In Bed (TIB)	405	6.8	100 %	N/A
Total Sleep Time (TST)	236.5	3.9	58.4 %	100 %
Total Stage N1 Sleep	66	1.1	16.3 %	27.9%
Total Stage N2 Sleep	120.5	2.0	29.8 %	51.0 %
Total Stage N3 Sleep (SWS)	33	0.6	8.1 %	14.0 %
Total REM Sleep	17	0.3	4.2 %	7.2 %
Total Wake Time	168.5	2.8	41.6 %	N/A
Total Movement Time	0	0.0	0.0 %	N/A
Total Wake Time After Sleep Onset (SO)	153.0	2.5	37.8 %	N/A

<b>Positional Times</b>	Minutes	Hours	% (TIB)	% (TST)
Left	150.2	2.5	37.1	35.5
Right	6.2	0.1	1.5	0.8
Front	0.8	0.0	0.2	0.0
Supine	220.8	3.7	54.5	60.6

<b>Latencies</b>	Min (TIB)	Hrs (TIB)	Min (SO)	Hrs (SO)
Latency to first epoch of sleep	15.5	0.3	N/A	N/A
Latency to first 10 min of sleep	18	0.3	N/A	N/A
REM Latency	287.5	4.8	272	4.5
Stage N1 Latency	15.5	0.3	0	0.0
Stage N2 Latency	19	0.3	3.5	0.1
Stage N3 Latency	24	0.4	8.5	0.1

<b>Arousal Summary</b>	Number	Index
LM Arousals	86	21.8
Respiratory Arousals	0	0.0
Spontaneous Arousals	0	0.0
<b>Total Arousals</b>	86	21.8

<b>Instantaneous Event Analysis</b>	Number	Index
LMs	98	24.9
LMs Arousals	86	21.8

<b>REs</b>	WAKE				NREM				REM				Total
	Front	Side	Back	Total	Front	Side	Back	Total	Front	Side	Back	Total	
OA	0	0	1	1	0	2	3	5	0	0	4	4	10
MA	0	0	0	0	0	0	0	0	0	0	0	0	0
CA	0	0	0	0	0	0	0	0	0	0	0	0	0
H	0	0	4	4	0	3	4	8	0	0	4	4	16
Total A	0	0	1	1	0	2	3	5	0	0	4	4	10
Total A/H	0	0	5	5	0	5	7	13	0	0	8	8	26

<b>REIs</b>	WAKE	NREM	REM	Total
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	Front	Side	Back	Total	Front	Side	Back	Total	Front	Side	Back	Total	
OA	0	0	0.8	0.4	0	1.4	1.4	1.4	0	0	14.1	14.1	2.5
MA	0	0	0	0	0	0	0	0	0	0	0	0	0.0
CA	0	0	0	0	0	0	0	0	0	0	0	0	0.0
H	0	0	3.1	1.6	0	2.1	1.9	2.0	0	0	14.1	14.1	4.1
Total A	0	0	0.8	0.4	0	1.4	1.4	1.4	0	0	14.1	14.1	2.5
Total A/H	0	0	3.9	2.0	0	3.5	3.3	3.4	0	0	28.2	28.2	6.6
												<b>4% AHI</b>	2.03

<b>Respiratory Disturbance Summary</b>	NREM	REM	Total
Respiratory Arousal Index	0.0	0.0	0.0

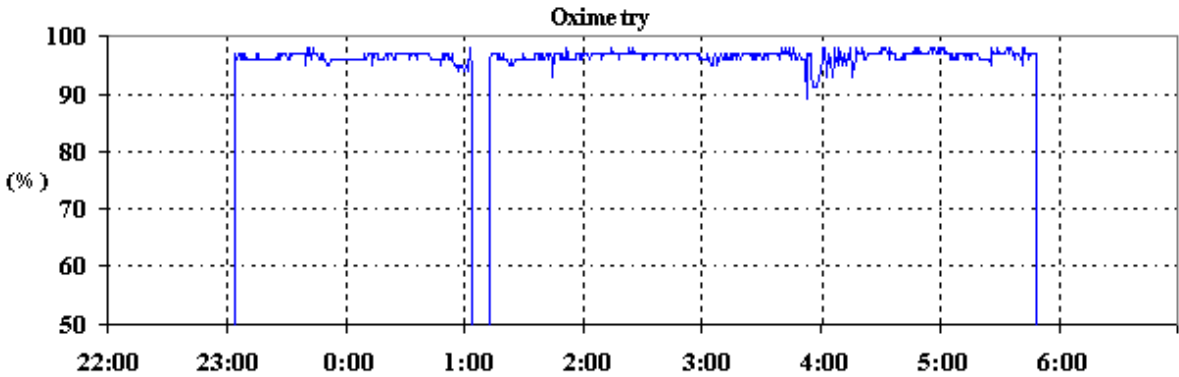
<b>Oximetry Breakdown</b>		Total	Wake	REM	NREM
Minutes	100%-90%	395.5	159.4	16.6	219.5
Minutes	89%-80%	0.6	0.2	0.4	0.0
Minutes	79%-70%	0.0	0.0	0.0	0.0
Minutes	69%-60%	0.0	0.0	0.0	0.0
Minutes	59%-50%	0.0	0.0	0.0	0.0

SaO2 Mean During Sleep: 97.0 %

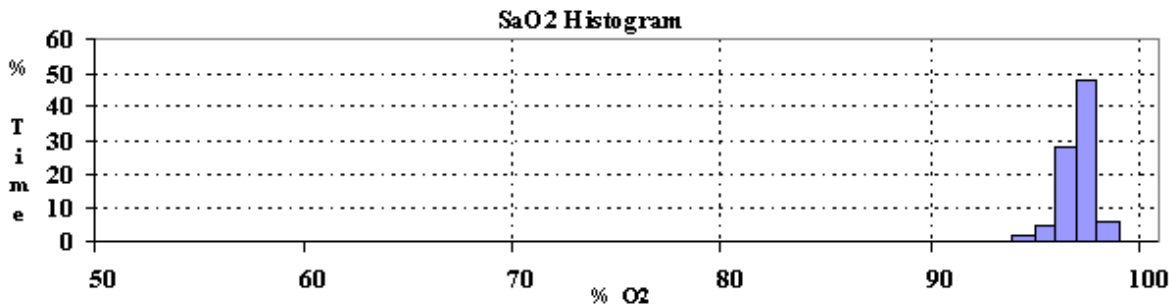
<b>Respiratory Event Analysis</b>	OA	MA	CA	H
Average Duration (sec)	17.9	0	0	26.8
Longest Duration (sec)	34.0	0	0	86.7
Average SaO2 at Desat. (%)	93.1	0	0	92.7
Lowest SaO2 at Desat. (%)	87.5	0	0	88.8

**Hypnogram:**

**Page-Averaged Oximetry Trend:**



**Oximetry Histogram:**



Page-Averaged Heart Rate Trend:

