

# Sleep Cardiopulmonary Coupling Analysis




## Patient and Study Information

<b>Patient ID:</b>	HJ-97002	<b>Study Date:</b>	09/05/2008
<b>Name:</b>	Li-Chun-Yang	<b>Sex:</b>	Male
<b>BMI:</b>	N/A	<b>PSQI Score (6):</b>	N/A
<b>ESS Score (10):</b>	N/A	<b>CHQ (4):</b>	N/A
<b>Sleep quality of study night:</b>	Good	<b>Wake/stay up for more than 30 minutes</b>	NO
<b>Bed Time:</b>	23:50:00	<b>Wake-Up Time:</b>	09:10:00
		<b>Total Sleep Time (TST):</b>	9 Hours 20 Minutes

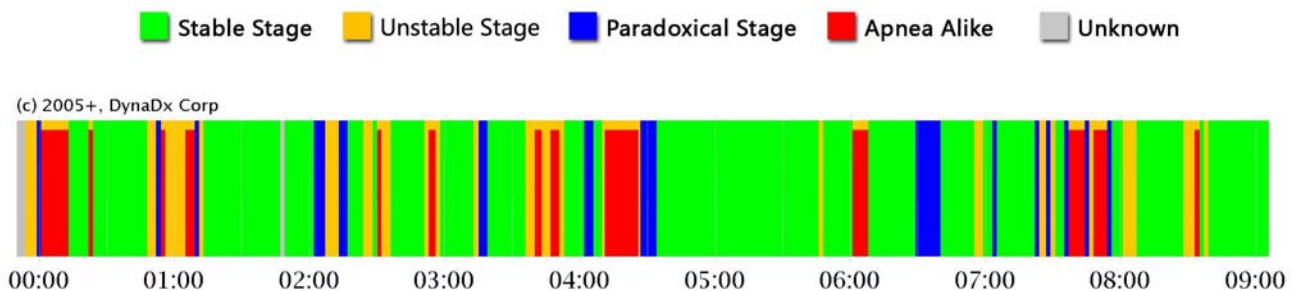
## Study Summary

Sleep Onset: 0 Hours 23 Minutes

Sleep Apnea Detection	Index	Proportion to TST	Apnea Severity Reference
Estimated AHI using Cardiopulmonary Coupling Analysis (AHI/CPC)	5.8 (/Hour)	12%	Normal - AHI/CPC 0~5 Mild - AHI/CPC 5~15 Moderate - AHI/CPC 15~30 Severe - AHI/CPC >=30
Central	N/A	0%	N/A
Obstructive	N/A	12%	N/A

Sleep Quality Evaluation	Duration Time	Proportion to TST	Healthy Performance Reference
 Stable Stage	5 Hours 53 Minutes	63.0%	Above 41.4%
 Unstable Stage	2 Hours 31 Minutes	27.0%	Below 45.5%
 Paradoxical Stage	0 Hours 56 Minutes	10.0%	Below 25.8%

## Whole Night Sleep Status Diagram



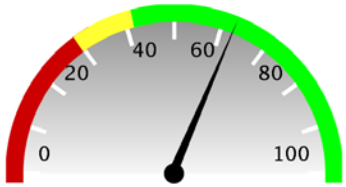


### Sleep Status Statistical Analysis

Good

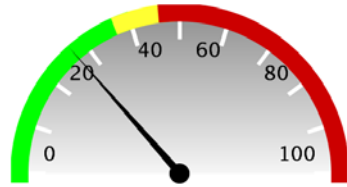
Fair

Poor



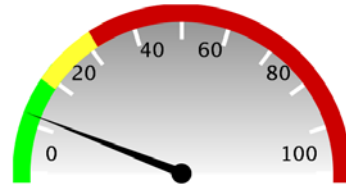
63 %

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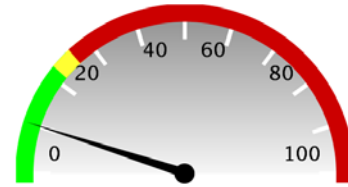
27 %

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12 %

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10 %

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Stable Stage

Unstable Stage

Apnea Alike

Paradoxical Stage