

POLYSOMNOGRAPHY REPORT

Patient Name: NJL0507, NJL0507

Sex: M

D.O.B.: 07/01/1959

Age: 56 years

Height: in.

Weight: lbs.

B.M.I.: lb/in²

Study Date: 04/14/2016

Study Type: DIAGNOSTIC

Referring Physician: ,

Interpreting Physician: ,

Technicians

Acquiring Technician:

Scoring Technician:

Acquisition Type

Acquisition Type Code:

Acquisition Type Description:

DIAGNOSIS

	Code	Description
Diagnosis 1		
Diagnosis 2		
Diagnosis 3		
Diagnosis 4		

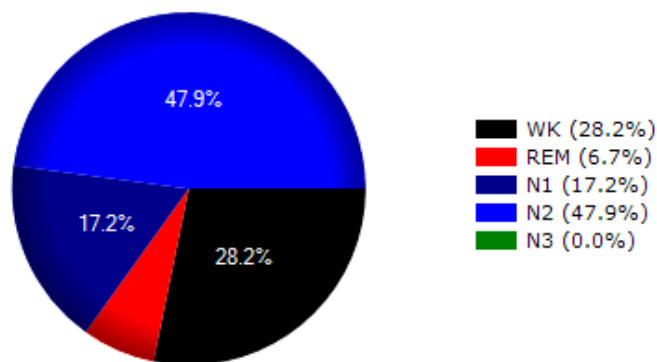
PROCEDURE

Polysomnography was conducted on the night of 04/14/2016. The following parameters were monitored: frontal, central and occipital EEG, electrooculogram (EOG), submental EMG, nasal and oral airflow, anterior tibialis EMG, body position and electrocardiogram. Additionally, thoracic and abdominal movements were recorded by inductance plethysmography. Oxygen saturation (SpO2) was monitored using a pulse oximeter. The tracing was scored using 30 second epochs. Hypopneas were scored per AASM definition VIII.4.B (3% desaturation).

SLEEP ARCHITECTURE

Lights off clock time:	8:27:38 PM
Lights on clock time:	6:55:08 AM
Total Recording Time (TRT):	780.7 minutes
Time In Bed (TIB):	627.5 minutes
Sleep Period Time (SPT):	619.0 minutes
Total Sleep Time (TST):	450.5 minutes
Sleep Efficiency:	71.8 %
Sleep Onset:	7.6 minutes
WASO:	169.4 minutes
REM Latency (from Sleep Onset):	226.5 minutes
REM Latency (from Lights Off):	234.1 minutes

Sleep Staging	Duration	% TST	Latency (from LOFF)
N 1:	108.0 minutes	24.0 %	N 1: 7.6 minutes
N 2:	300.5 minutes	66.7 %	N 2: 24.6 minutes
N 3:	0.0 minutes	0.0 %	N 3: 0 minutes
R:	42.0 minutes	9.3 %	R: 234.1 minutes



RESPIRATORY DATA

	CA	OA	MA	Apnea	Hypop*	A + H	RERA	Total
Number:	64	1	0	65	52	117	21	138
Mean Dur (sec):	14.3	15.0	0.0	14.3	19.2	16.5	17.1	16.6
Max Dur (sec):	23.0	15.0	0.0	23.0	34.0	34.0	21.5	34.0
Total Dur (min) :	15.2	0.3	0.0	15.5	16.7	32.1	6.0	38.1
% of TST:	3.4	0.1	0.0	3.4	3.7	7.1	1.3	8.5
Index (#/h TST) :	8.5	0.1	0.0	8.7	6.9	15.6	2.8	18.4
REM Count:	2	0	0	2	16	18	2	20
NREM Count:	59	1	0	60	36	96	19	115
REM Index:	2.9	0.0	0.0	2.9	22.9	25.7	2.9	28.6
NREM Index:	8.7	0.1	0.0	8.8	5.3	14.1	2.8	16.9

*Above Index Values Based on Total Sleep Time ■ Hypopneas were scored per AASM definition VIII.4.B (3% desaturation).

CHEYNE STOKES BREATHING

None

RESPIRATORY EVENTS (BY BODY POSITION)

	Duration (min)	Sleep (%)	REM (%)	NREM (%)	CA (#)	OA (#)	MA (#)	HYP (#)	AHI (#/h)	RERA (#)	RDI (#/h)	Desat (#)
Supine										0	0.00	



AROUSALS

	REM	NREM	Arousals	Awakenings	Ar + Aw	Ar + Aw Index
Respiratory:	2	38	46	16	62	6.0
Leg Movement:						
Snore:						
Spontaneous:	2	109	133	1	134	13.0
Total:	4	147	179	17	196	19.0
Arousal Index:	5.7	21.6	17.4	1.6	19.0	--

LIMB MOVEMENTS

	Count	Index (#/h)
Total Leg Movement:	0	0.0
PLMS:	0	0
PLMS Arousals:	0	-

SNORING SUMMARY

Snoring Episodes: 0
 Total Time with Snoring: 0 min

OXYGEN SATURATION

	WAKE		NREM		REM		Total	
# of Rel Desats	0		40		18		58	
Mean SpO2%:	89		89		88		89	
<=89% (min):	12.6		46.4		20.5		79.5	
	WAKE		NREM		REM		TIB	
	Time		Time		Time		Time	
	Min	%	Min	%	Min	%	Min	%
<=89%:	12.6	2.0	46.4	7.4	20.5	3.3	79.5	12.7
<95%:	37.3	5.9	142.0	22.6	31.3	5.0	210.6	33.6
<90%:	20.6	3.3	96.4	15.4	25.0	4.0	142.0	22.6
<85%:	2.4	0.4	4.3	0.7	0.5	0.1	7.2	1.1
<80%:	0.4	0.1	1.4	0.2	0.0	0.0	1.8	0.3
<75%:	0.0	0.0	0.7	0.1	0.0	0.0	0.7	0.1
<70%:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<60%:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
< 50%:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Artifact / Bad Data:	137.6	-	265.0	-	10.5	-	413.1	-

Minimum SpO2%: 70

OXYGEN SATURATION DISTRIBUTION**CARDIAC SUMMARY**

Average Heart Rate During Sleep: 57.6 bpm
 Highest Heart Rate During Sleep: 75 bpm
 Highest Heart Rate During Recording (TIB): 95 bpm
 Lowest Heart Rate During Sleep: 44 bpm
 Lowest Heart Rate During Recording (TIB): 42 bpm

CARDIAC SUMMARY (BASED ON PULSE RATE CHANNEL)

Average Heart Rate During Sleep: 57.6 bpm
 Highest Heart Rate During Sleep: 75 bpm
 Highest Heart Rate During Recording (TIB): 95 bpm
 Lowest Heart Rate During Sleep: 44 bpm
 Lowest Heart Rate During Recording (TIB): 42 bpm

CARDIAC EVENT OBSERVATIONS

TYPE	YES	NO	RATE / DURATION
Bradycardia:		✓	Lowest HR Scored:N/A
Unclassified Tachycardia:		✓	Highest HR Scored:N/A
Sinus Tachycardia During Sleep:		✓	Highest HR Scored: N/A
Narrow Complex Tachycardia:		✓	Highest HR Scored: N/A
Wide Complex Tachycardia:		✓	Highest HR Scored: N/A
Asystole:		✓	Longest Pause: N/A
Atrial Fibrillation:		✓	Duration Longest Event: N/A

All Night Hypnogram