



DREAM SLEEP RESPIRATORY
Breathing Made Easy

Tel: 403.457.1127
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www.dreamsleep.ca

Level 3 Sleep Study Interpretation

Entry Creation Date: January 18, 2019 at 3:51 am

Name: William Howell

Date of Birth: February 25, 1956

BMI: 44

ESS: 13

SaO2 (While Awake): 92

RDI: 51.4

Mean SaO2: 87.8

Study Type: Diagnostic

Technical: Technical quality was satisfactory

Findings:

- Intermittent hypoxia associated with changes in airflow characteristic of obstructive sleep apnea

Interpretation

RDI Severity: Severe obstructive sleep apnea

Hypoxia Severity: Significant hypoxia

Recommendations:

- Consider a trial of CPAP therapy

Entry ID: 10182

Dr. Patrick J. Hanly – MD, FRCPC, D ABSM *This report was electronically composed by Dr. Patrick J. Hanly for digital transmission.. Dr. Patrick J. Hanly is licensed in the province of Alberta.*

COPY

Remmers Sleep Recorder

Insight Results Summary

DREAM SLEEP RESPIRATORY SERVICES

UNIT 222, 5149 COUNTRY HILLS BLVD. NW
 CALGARY, AB T3A 5K8
 TEL: 403-457-1127 FAX: 403-457-1288

Study Information

Study date: Jan 16 2019
 Study start time: 23:31
 Night 1 of 1
 Total monitoring time: 8.3 hours
 Total time probe on (TTPO): 8.3 hours
 Supine time probe on : 1.2 hours
 Study technician: RK
 Referring physician: DR MOHAMMED ABDEL-HAMID
 Interpreting physician: DR HANLY

Historical Information

History of hypertension: YES
 History of habitual snoring: YES
 History of apneic episodes: YES
 History of cardiovascular disease: NO
 History of respiratory disease: YES

Oxygenation

Mean saturation: 87.8
 Lowest desaturation during an RD: 49
 Time saturation < 90%: 56.2 (% of TTPO)
 Time saturation < 85%: 17.1
 Time saturation < 80%: 6.7
 Time saturation < 75%: 2.9

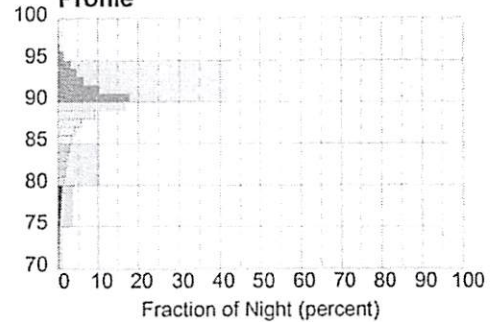
Patient Information

Patient name: WILLIAM HOWELL
 Health care number: 50636-5421
 Occupation: N/A
 Sex: male
 Date of birth: 25 February 1956
 Age: 62
 Height: 165 cm
 Weight: 120.0 kg
 Body Mass Index: 44.0
 Neck circumference: 44 cm
 Epworth Sleepiness Score: 13
 SAQLI Score: N/A

Probability of Sleep Apnea

(using diagnostic cut off: RDI >= 10)
 Pre-test probability of sleep apnea: 98.0%
 Post-test probability of sleep apnea: 100.0%

Profile



Apnea Hypopnea Analysis (ver 0.5)

Valid Flow Time	Hours	Hypopneas	Apneas	AHI (Events/hr)
Total	8.17	189	227	50.9
Supine	1.16	18	36	46.4
Lateral	7.00	171	191	51.7

Snoring

Counts	Indices (Sn/hr)
Total: 6883	Total: 833.9
Supine: 854 (12%)	Supine: 731.0
Lateral: 6029 (88%)	Lateral: 850.8

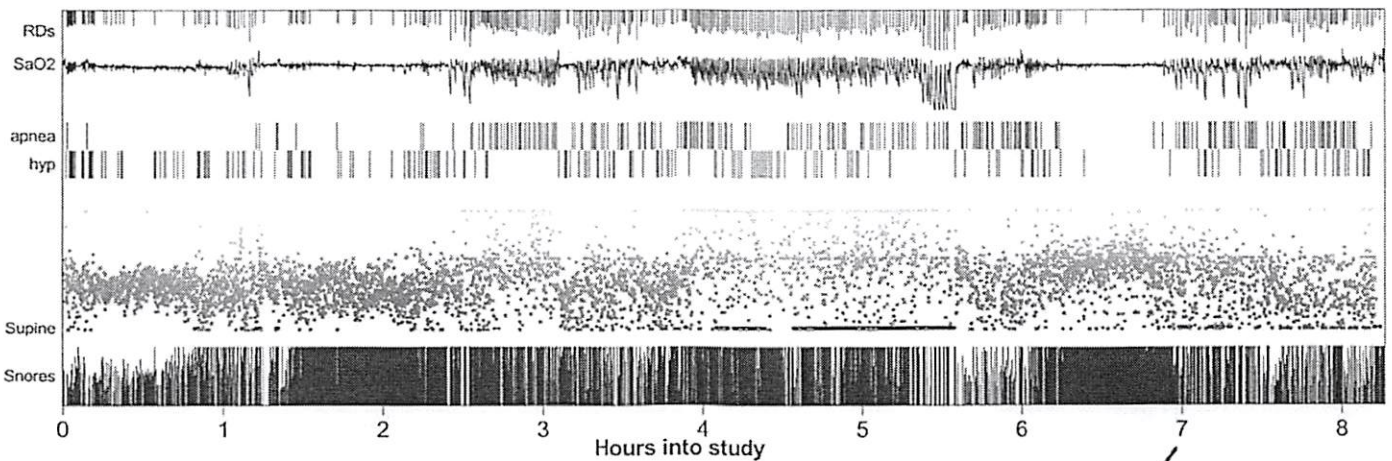
Flow Analysis (ver 1.6)

Counts	Resisted Indices
Total: 604 / 5945	Total: 10.2%
Supine: 216 / 588	Supine: --
Lateral: 388 / 5357	Lateral: 7.2%

Respiratory Disturbances

Counts	Indices (RD/hr)
Total: 424	Total: 51.4
Supine: 75	Supine: 64.2
Lateral: 349	Lateral: 49.3

-- indicates insufficient data to calculate an index



Technician Comments

DURING OFFICE VISIT SP02= 92/RA, HR= 100BPM.

STUDY TYPE: DIAGNOSTIC ON RA

MEDICAL HX: RESPIRATORY (REACTIVE AIRWAYS),
 HYPERTENSION, PRE-DIABETIC, BORDERLINE
 DYSLIPIDEMIA

Serial number: SS4200596
 Date of download: 2019/01/17 11:37:43
 Download number: 136
 File: Z:\Desktop\2019-01-16_HOWELL_BLL.ssd
 Remmers Insight Version: 0-15-6

Physician Interpretation

DSR
 DREAM SLEEP RESPIRATORY
 Phone: 403-457-1127

This program contains a new algorithm for AHI analysis.
 Fax: 403-457 1288