



Apnea Analysis

Name: A. PATIENT
Birth Date: 07/12/1944
Age: 66 years old
Sex: male
Referred By: A. DOCTOR, MD

Height: 5' 8 "
Weight: 225lb
BMI: 34
Neck Circ.: 44 cm
Test Date: 02/13/2011

History: Observed Apnea, chronic snoring, reports being sleepy during the day

Comment:

Total recording time 442 Min.

Analyzed sleep time 398 Min.

Apnea Data:

Total Number of Hypopneas (4%):	38	Total Number of Hypopneas:	110
Total Number of Apneas (obs & cen) :	127	Average Hypopnea (sec):	18
Average Apnea (sec):	29	Hypopnea Index:	16.6
Apnea Index (obs & cen) :	19.1	Central Apnea Index:	1.1
Total Number of Central Apneas:	7		
Apnea Max Dens. Index (>10 Min):	42.4	RDI(AHI) Max Dens. Index (>10 Min):	90.8
RDI (AHI) 4%	24.9	RDI(AHI):	35.7

APNEA ANALYSIS SUMMARY:

During the recording period the following was identified:

- Total of 127 apneas (7 of which were Central) and 110 hypopneas were identified.
- The Apnea Index (central and obstructive apnea) was 19.1 per hour.
- The RDI (AHI) was 35.7 per hour. The Central Apnea Index was 1.1 per hour.

Note: During some portions of the recording (for a period >10 Min) the Apnea Index was elevated up to 42.4 and the RDI(AHI) was elevated up to 90.8.

If CPAP therapy is considered appropriate, the predicted initial pressure is 8 cm H₂O (after Miljeteig and Hoffstein).

INTERPRETATION:

There was evidence of severe sleep apnea