

# MEDIByte SLEEP STUDY REPORT

PATIENT LAHDIBI, RAHMA

Patient ID: 34129  
 Study Date: 04/04/22 (MM/DD/YY)  
 Date of Birth: 01/01/1960 (MM/DD/YY)  
 Age: 62  
 Sex: Femme  
 Height: 5' 1» (155 cm)  
 Weight: 225.0 lbs  
 BMI: 42.5  
 Waist-Hip Ratio: 0.00 (W: 0", H: 0")

AHI/REI: **43.6**

Severe >30  
 Moderate 15-30  
 Mild 5-15  
 Normal <5

RDI: 46.0

ODI: 38.2

Chart Code: 0987654321  
 Referring Physician:  
 Start Time: 23:21:43  
 End Time: 02:42:34  
 Total Recording Time: 200.9 minutes

## HOME SLEEP APNEA TESTING DEVICE



The MediByte®, 12-channel Type 3 home sleep apnea and snoring recorder (SN 200071), was used to evaluate sleep-disordered breathing. The following parameters were recorded for a duration of 200.9 minutes: Snoring (high frequency vibrations in airflow), oronasal pressure Airflow, thermal Airflow, RIP Chest/Abdominal/Sum Effort, SpO<sub>2</sub>, Pulse Rate, Body Position, and User Events.

*Note: Respiratory events were scored using the following rules: Apneic events required a 90% or more reduction in airflow, Hypopneic events required a 30% reduction in airflow along with an accompanying 3% oxygen desaturation.*

## COMMENTS

69.8% of all breaths had flow limitation which is associated with upper airway resistance. AHI & RDI were 43.6 and 46.0, respectively. Supine AHI was 7.1 and supine RDI was 7.1. Oxygen Desaturation Index (ODI) was 38.2 and time below 88% SpO<sub>2</sub> was 24.8 minutes. Supine desaturation index was 7.1.

SpO <sub>2</sub> Range			Total	Index		
<b>OXIMETRY</b>	% Time	minutes	Desaturations ≥3%	128	38.2	
98-100 %	0.0%	0.0		Mean	Min.	Max.
96-98 %	0.6%	1.3	SpO <sub>2</sub> (%)	90.4	73.0	97.0
94-96 %	7.1%	14.2	Pulse (bpm)	77.7	67.0	98.0
92-94 %	32.2%	64.6				
90-92 %	37.1%	74.5				
90-100 %	77.0%	154.5				
80-89 %	21.3%	42.7	<b>PULSE</b>	Pulse Rate Range		
70-79 %	1.8%	3.5	125-150	% Time	minutes	
60-69 %	0.0%	0.0	100-125	0.0%	0.1	
50-59 %	0.0%	0.0	75-100	89.0%	178.6	
< 50%	0.0%	0.0	50-75	11.0%	22.1	
			25-50	0.0%	0.0	
			PRV	65		
<b>Total &lt;88 %</b>	<b>12.4%</b>	<b>24.8</b>	Increases > 6 bpm			

\*Respiratory events are defined in the Assisted Scoring User Settings and in the User Guide. Final clinical decisions and degree of accuracy are the sole responsibility of the clinician using this software.