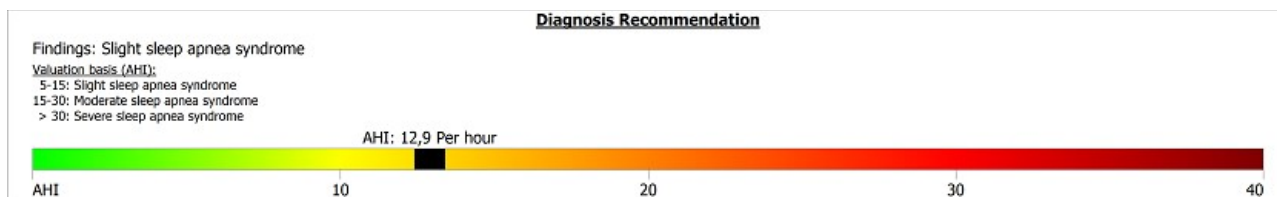


# PSG Diagnosis

## Polysomnography Report

### Findings

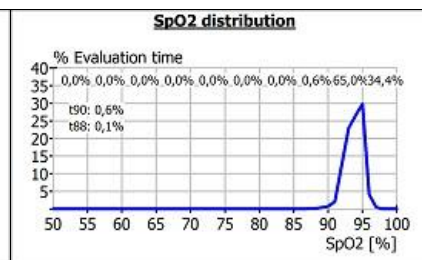
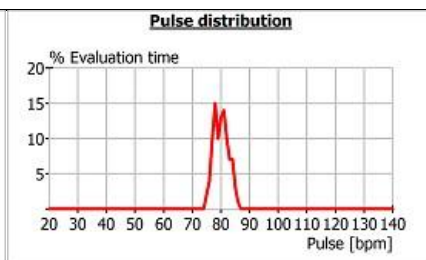
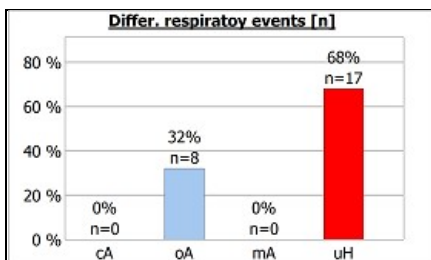


Respiratory evaluation	Findings
AHI [Per hour]	12,9
RDI [Per hour]	12,9
Apnea Index AI [Per hour]	4,1
Hypopnea Index HI [Per hour]	8,8
Total CSB time [Sec]	0
No. of CSB phases [n]	0
AHI in REM [Per hour]	n.a.
<hr/>	
No. of Apnea [n]	8
Number Central Apnea [n]	0
Number Obstructive Apnea [n]	8
Number Mixed Apnea [n]	0
No. of Hypopnea [n]	17
Number Central Hypopnea [n]	0
Number Obstructive Hypopnea [n]	0
Number Unclassified Hypopneas [n]	17
Number RERA [n]	0
Number Apnea / Hypopnea in REM [n]	0
Total Apnea / Hypopnea time (RDT) [Min]	7:51
Longest Apnea [Sec] (t=22:59:51)	20
Longest Hypopnea [Min] (t=21:46:55)	1:04
<hr/>	
Snoring Index SI [Per hour]	659,2
Snoring Index SI in REM [Per hour]	n.a.
Snoring Index SI irregular [Per hour]	21,7
Total Snoring Time ST [Hrs]	1:42:19

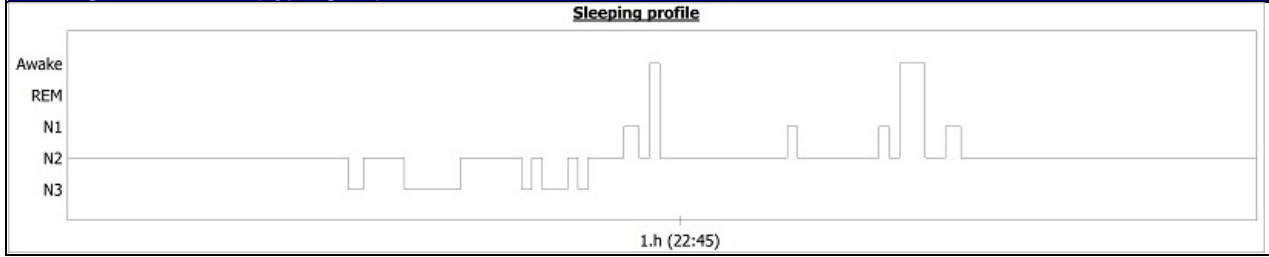
Evaluation Pulseoxymetric	Findings
Desaturation-Index ODI [Per hour]	14,0
Desaturation-Index ODI in REM [Per hour]	n.a.
No. of desaturations [n]	27
No. of desaturations in REM [n]	0
No. of desaturations < 90%: [n]	5
Total time [Min]	11:16
Time per hour [Min Per hour]	5:50
<hr/>	
Lowest Desaturation [%] (22:55:52)	86
Longest Desaturation [Min] (21:47:07)	1:13
Mean Duration [Sec]	25
Mean Desaturation [%]	90,7
Mean Saturation [%]	93,8
Max. Saturation [%] (21:45:52)	97
Min. Saturation [%] (22:55:51)	86
t90 [%]	0,6
<hr/>	
Evaluation of SpO2 / Pulse	Findings
Min. Puls (23:04:37) [1/min]	74
Max. Puls (23:08:38) [1/min]	108
Mean Pulse [1/min]	80
Pulse variances [n]	5
Pulse variance index [Per hour]	2,6

Evaluation ECG (Central HF)	Findings
Maximum HF [n.a.]	n.a.
Mean heart frequency [bpm]	n.a.
Minimum HF [n.a.]	n.a.
<hr/>	
No. of Bradycardias [n]	0
No. of Tachycardias [n]	0
No. of Extrasyst. [n]	0

Evaluation Leg Movement	Findings
LM [n]	14
LMI [Per hour]	7,3
Non-PLM [n]	6
Non-PLMI [Per hour]	3,1
PLM [n]	8
PLMI [Per hour]	4,1



**Neurological evaluation (Hypnogram)**



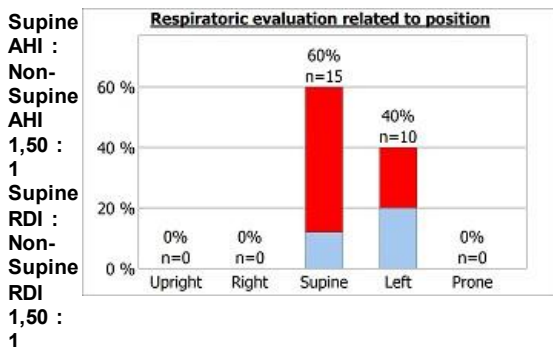
Sleep Onset SO - latency	0,0 Min	<b>NREM/REM-cycles</b>	
N1-latency (LO)	54,5 Min	REM cycle	Duration
N2-latency (LO)	0,0 Min		
N3-latency (LO)	27,5 Min		
REM-latency (SO)	n.i. Min		
Latency to onset of Persistent Sleep LPS	0,0 Min		
TIB	116,0 Min		
SPT	116,0 Min		
TST	112,5 Min		
Sleep efficiency (TST/TIB)	97,0 %		
Sleep efficiency (TST/SPT)	97,0 %		

Stage distribution						
	TIB		SPT		TST	
	Min	%	Min	%	Min	%
N1	5,0	4,31	5,0	4,31	5,0	4,44
N2	96,5	83,14	96,5	83,14	96,5	85,72
N3	11,5	9,91	11,5	9,91	11,5	10,22
REM	0,0	0,00	0,0	0,00	0,0	0,00
Awake	3,5	3,02	3,5	3,02	0,0	0,00
n.i.	0,4	0,37	0,4	0,37	0,0	0,00

Arousal	Findings TIB	Findings TST
Number (TIB) [n]	11	11
Number Arousal (respiratory) (TIB) [n]	3	3
Number Arousal (movement) (TIB) [n]	3	3
Number Arousal (PLM) (TIB) [n]	2	2
Number Arousal (spontaneous) (TIB) [n]	5	5
Arousal Index (TIB) [Per hour]	5,7	5,9
Index Arousal (respiratory) (TIB) Per hour	1,6	1,6
Index Arousal (movement) (TIB) Per hour	1,6	1,6
Index Arousal (PLM) (TIB) Per hour	1,0	1,1
Index Arousal (spontaneous) (TIB) Per hour	2,6	2,7

Events rel. sleeping stages													
	Apnea / Hypopnea		Apnea / Hypopnea / RERA		Desatur.		PLM		LM		Snoring		
	Number	AHI	Number	RDI	Number	ODI	Number	PLMI	Number	LMI	Number	SI	
N1	2	24,0	2	24,0	1	12,0	0	0,0	0	0,0	44	528,0	
N2	21	13,1	21	13,1	22	13,7	1	0,6	6	3,7	1129	702,1	
N3	2	10,4	2	10,4	2	10,4	0	0,0	0	0,0	59	307,8	
NREM	25	13,3	25	13,3	25	13,3	1	0,5	6	3,2	1232	654,3	
REM	0	n.a.	0	n.a.	0	n.a.	0	n.a.	0	n.a.	0	n.a.	
Awake	0	0,0	0	0,0	2	34,3	7	120,0	0	0,0	1	17,1	
Artifact	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	

Position	Upright	Right	Supine	Left	Prone	Total
Time	1:32 Min	0 Sec	57:13 Min	57:18 Min	0 Sec	1:56:03 Hrs
(Time Share)	(1 %)	(0 %)	(49 %)	(49 %)	(0 %)	(100 %)
Apneas [n]	0	0	3	5	0	8
(Apneas[%])	(0 %)	(0 %)	(38 %)	(62 %)	(0 %)	(100 %)
Hypopneas [n]	0	0	12	5	0	17
AHI (relate to Pos. Time)	0,0	0,0	15,7	10,5	0,0	-
RDI (relate to Pos. Time)	0,0	0,0	15,7	10,5	0,0	-



## Overview

