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Patient Data

Last Name: Demo apnea	ID:	Height: 172 cm
First Name: AASM	Crit. 1:	Weight: 126,0 kg
Date of Birth: 22.05.1971	Crit. 2:	BMI: 42,6 kg/m²

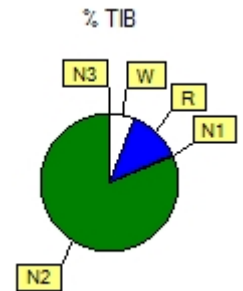
Montage name:
Description:

	from	to	Artefact	Duration
Recorded Time	03.03.2010 21:00:00	04.03.2010 08:01:00		11:01:00
TIB	03.03.2010 21:32:00	04.03.2010 07:39:30	-	10:07:29

Sleep Stages



		Sleep Stage	Duration	(%) TIB	(%) Sleep
Total Sleep Time (TST)	09:32:30				
Sleep Efficiency [%]	94,2				
Sustained Sleep Eff. [%]	94,5	Artefact	-	-	-
Sleep Latency [m]	2,0	Wake	00:32:59	5,4	-
Sleep Latency N1 [m]	24,0	REM	01:15:30	12,4	13,2
Sleep Latency N2 [m]	2,0	N1	00:04:30	0,7	0,8
Deep Sleep Latency [m]	53,0	N2	08:10:00	80,7	85,6
REM latency [m]	171,5	N3	00:02:30	0,4	0,4
Total Sleep Period (SPT)	09:54:30	Light Sleep	08:14:30	81,4	86,4
Sleep Stage Change (Index)	58 (5,7)	Deep Sleep	00:02:30	0,4	0,4
# Wake (Index)	12 (1,3)				
#Wake respiratory (Index)	4 (0,4)				



Respiratory Analysis

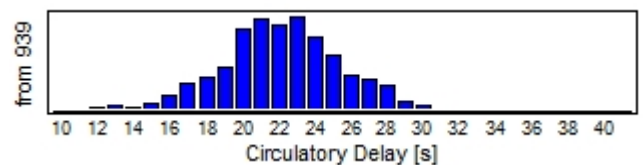
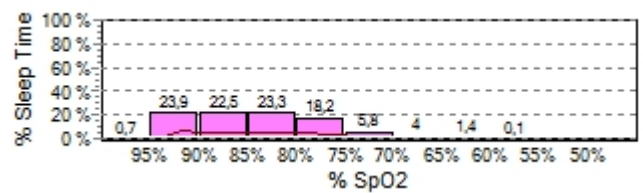
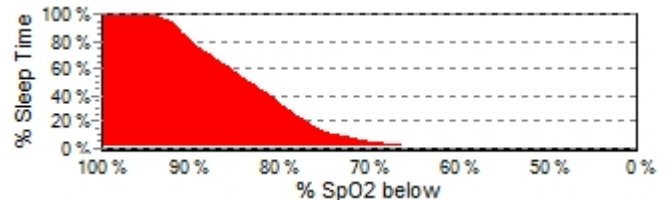
	Number (Index)	REM	Non-REM	Sleep	
Obstructive	416 (43,6)	Apnea (Index)	101 (80,3)	538 (64,9)	639 (67,0)
Mixed	196 (20,5)	Hypopnea (Index)	3 (2,4)	299 (36,1)	302 (31,7)
Central	27 (2,8)	AHI / RDI [/h]	82,6 / 82,6	101,0 / 101,2	98,6 / 98,7
Undef Ap.	-	Flow Limitation (Index)	-	1 (0,1)	1 (0,1)
Total Ap.	639 (67,0)	RERAs (Index)	-	-	-
Hypopnea	302 (31,7)	Max. Apnea Duration [s]	47	38	47
A+H	941 (98,6)	Max. Hypopnea Duration [s]	44	98	98
Limitation	1 (0,1)	Average Apnea Dur. [s]	31,5	20,5	22,2
RERAs	-	Average Hypopnea Dur. [s]	32,7	24,7	24,8
RDI	942 (98,7)	Artefact [min]	-	-	-

Hypopnea-rules 1: Desaturation 3 %, Ratio 70 %.

Position	Supine	not Supine	Left	Right	Prone	Upright
Sleep Time Fraction [%]	56,2	43,8	32,2	11,4	-	0,2
RDI	515 (96,0)	427 (102,3)	317 (103,3)	109 (100,6)	-	1 (45,0)
Obstructive Apnea (Index)	193 (36,0)	223 (53,4)	164 (53,4)	59 (54,4)	-	-
Central Apnea (Index)	3 (0,6)	24 (5,7)	1 (0,3)	23 (21,2)	-	-
Mixed Apnea (Index)	132 (24,6)	64 (15,3)	49 (16,0)	15 (13,8)	-	-
Hypopnea (Index)	186 (34,7)	116 (27,8)	103 (33,6)	12 (11,1)	-	1 (45,0)
Flow Limitation (Index)	1 (0,2)	-	-	-	-	-
RERAs (Index)	-	-	-	-	-	-
Number of Desaturations (Index)	529 (98,6)	429 (102,8)	315 (102,7)	113 (104,3)	-	1 (46,2)

O2 Saturation

	Number (Index)	Time
Number of Desaturations	957 (100,4)	
Minimal SpO2 [%]	55	00:37:43
Baseline O2 Saturation	92	
Average SpO2 [%]	83	
Number desaturations < 90 %	947	66,8 %
Number desaturations < 80 %	685	52,4 %
SpO2 Time < 90 %	75,4 %	07:11:16
Biggest Desaturation [%]	32	00:36:13
Average Desaturation [%]	14,7	24,2 s
Longest Desaturation [s]	105,5	02:40:11
Average Min. Saturation [%]	77	
Deepest Desaturation [%]	55	00:37:45
Sum all desaturation	06:26:28	67,5 %
Average Circulatory delay [s]	22,1	
Artefact [min]	0,3 (0,1%)	



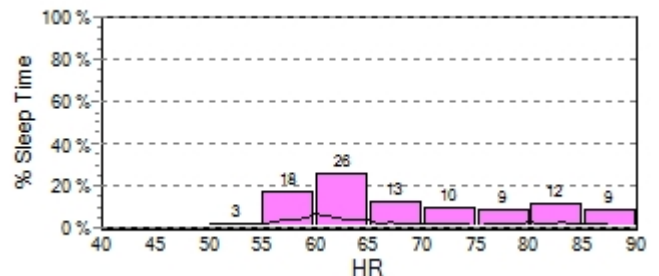
Snore Analysis

	All	Prone	Supine	Left	Right	Upright
Snore (Index)	3298 (345,6)	-	1627 (303,1)	1297 (422,7)	374 (345,1)	-
Absolute Snore [min]	49,8	-	24,7	19,2	5,8	-
Snore episodic [min]	127,2	-	53,5	60,6	13,0	-

Snore episodic [% TST] 22,2

Heart Rate

	Number (Index)	Time
Wide complex tachycardia	-	
Narrow complex tachycardia	4 (0,4)	
Asystole (Index)	-	
Longest Asystole [s]	-	-
Maximum HR [bpm]	112	02:40:19
Minimum HR [bpm]	45	04:00:12
Average HR [bpm]	68	
Std. deviation [bpm]	11,1	
Artefact [min]	1,1 (0,2%)	

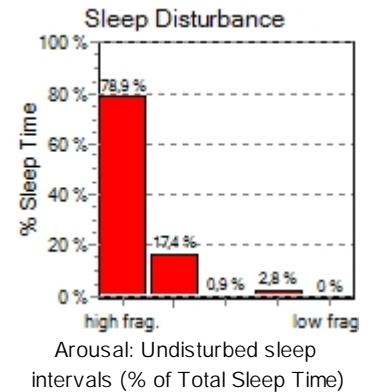


Periodic Leg Movement (PLM)

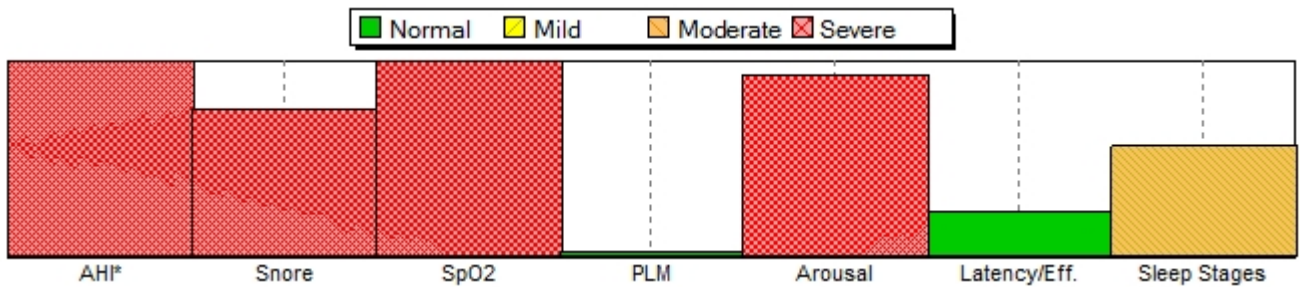
	Sleep	REM	Non-REM	Wake	Total
Total LMs (Index)	123 (12,9)	18 (14,3)	105 (12,7)	37 (67,3)	160 (15,9)
Isolated-LMs (Index)	120 (12,6)	18 (14,3)	102 (12,3)	30 (54,5)	150 (14,9)
PLMs (Index)	3 (0,3)	-	3 (0,4)	7 (12,7)	10 (1,0)
Resp-LMs (Index)	21 (2,2)	2 (1,6)	19 (2,3)	4 (7,3)	25 (2,5)
Body Position-LMs (Index)	5 (0,5)	-	5 (0,6)	7 (12,7)	12 (1,2)
PLMs with Arousal (Index)	-	-	-	2 (3,6)	2 (0,2)
LMs with Arousal (Index)	-	-	-	-	-

Arousal

	REM	Non-REM	Sleep	
Total Arousal EEG/EMG Pleth	123 (97,8)	794 (96,0)	917 (96,2)	
Respiratory MA	78 (62,0)	611 (73,9)	689 (72,3)	75,1 %
Flow Limitation MA	-	-	-	0 %
Desaturation MA	45 (35,8)	181 (21,9)	226 (23,7)	24,6 %
PLM MA	-	-	-	0 %
LM MA	-	-	-	0 %
Snore MA	-	-	-	0 %
Heart rate MA	-	-	-	0 %
Spontaneous MA	-	2 (0,2)	2 (0,2)	0,2 %
Artefact [min]	0,1	0,6	0,7	0,1 %



Summary



* According to the S3 guidelines of the German Sleep Society

