

PSG Statistics

Settings Copy Remove

Selected events: #

- Obstructive apnea 126 pcs 100.0%

Total events: 126
Rate: 34.4/hr
Max length: 40.0 s
Average length: 26.3 s
Min length: 10.0 s

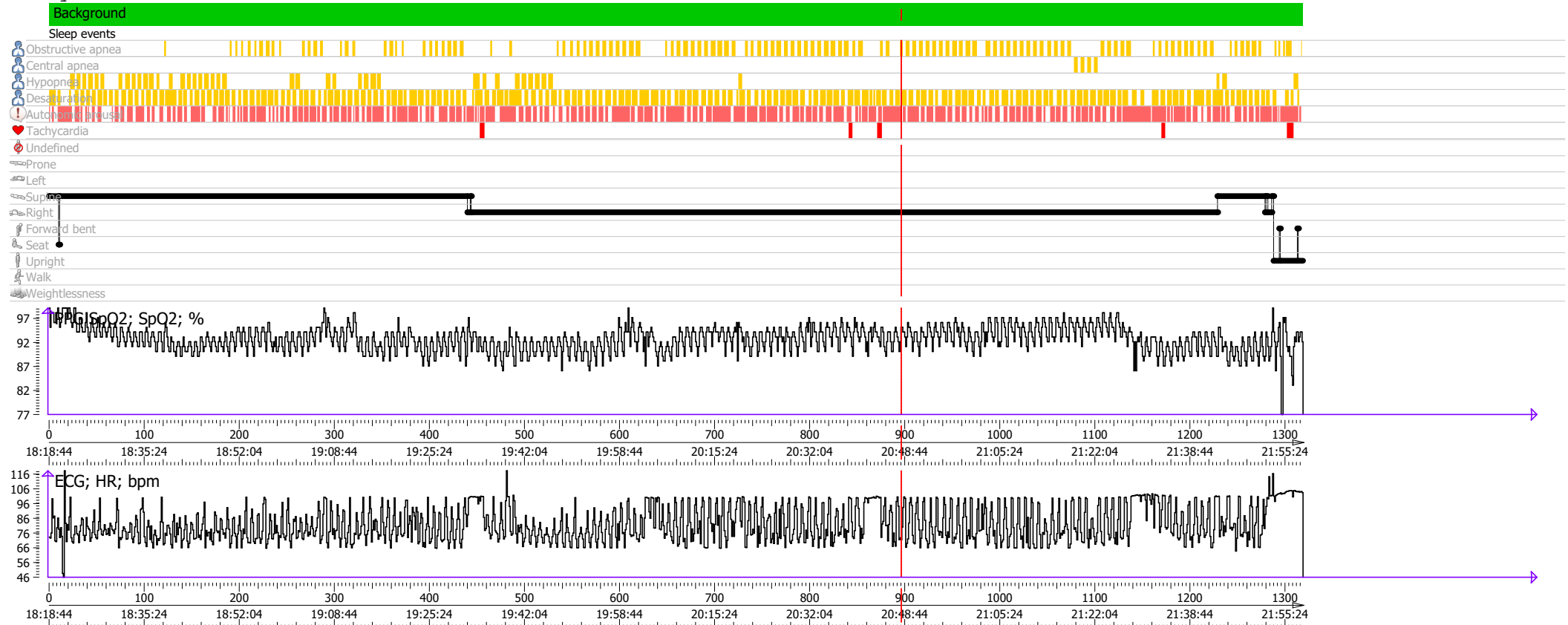
Events

Event	Start	End	Duration	Side
Obstructive apnea	20:47:54	02:29:10	26.0	I, Right
Obstructive apnea	20:48:54	02:30:10	33.0	I, Right
Obstructive apnea	20:50:06	02:31:22	30.0	I, Right
Obstructive apnea	20:51:14	02:32:30	32.0	I, Right
Obstructive apnea	20:52:24	02:33:40	31.0	I, Right
Obstructive apnea	20:53:36	02:34:52	31.0	I, Right
Obstructive apnea	20:54:46	02:36:02	33.0	I, Right
Obstructive apnea	20:55:58	02:37:14	32.0	I, Right
Obstructive apnea	20:57:10	02:38:26	34.0	I, Right
Obstructive apnea	20:58:22	02:39:38	31.0	I, Right
Obstructive apnea	20:59:32	02:40:48	33.0	I, Right
Obstructive apnea	21:00:43	02:41:59	33.0	I, Right
Obstructive apnea	21:03:02	02:44:18	35.0	I, Right
Obstructive apnea	21:04:14	02:45:30	34.0	I, Right
Obstructive apnea	21:05:25	02:46:41	35.0	I, Right
Obstructive apnea	21:06:37	02:47:53	35.0	I, Right
Obstructive apnea	21:07:48	02:49:04	33.0	I, Right
Obstructive apnea	21:08:58	02:50:14	33.0	I, Right
Obstructive apnea	21:10:08	02:51:24	33.0	I, Right
Obstructive apnea	21:11:19	02:52:35	34.0	I, Right
Obstructive apnea	21:12:30	02:53:46	33.0	I, Right
Obstructive apnea	21:13:44	02:55:00	31.0	I, Right
Obstructive apnea	21:14:55	02:56:11	31.0	I, Right
Obstructive apnea	21:16:05	02:57:21	35.0	I, Right
Obstructive apnea	21:17:14	02:58:30	34.0	I, Right
Obstructive apnea	21:23:07	03:04:23	30.0	I, Right
Obstructive apnea	21:24:18	03:05:34	31.0	I, Right
Obstructive apnea	21:25:27	03:06:43	31.0	I, Right
Obstructive apnea	21:26:35	03:07:51	30.0	I, Right
Obstructive apnea	21:27:43	03:08:59	32.0	I, Right
Obstructive apnea	21:32:18	03:13:34	11.0	I, Right
Obstructive apnea	21:33:16	03:14:32	21.0	I, Right

By Body States

- Supine: 34
- Right: 86
- Upright: 6

Name: Patient E; Sex: M.; Age: 41;
Study date: 12.04.2016;



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Frunze str., 68, Taganrog, Russia, 347900	Patient	Patient E
Phones: +7 (8634) 38-34-67, 62-62-42, 62-62-43, 62-62-44, 62-62-45	Gender	M.
E-mail: office@medicom-mtd.com	Age	41
Dr. Smith	Date of birth	02.01.1975
	Date	08.10.2017 9:49:34

Study description

Obstructive sleep apnea syndrome was mild, AHI = 12.7/h. (N<5).
 Total number of respiratory events – 78, of which obstructive apneas – 74, mixed apneas – 4, central apneas – 0, hypopneas – 216.
 Maximum duration of obstructive apnea – 20 s. Respiratory disorders recorded mainly not on the back.
 Presence of snoring, number of episodes – 3525, snoring index – 575.0/h. Minimum SpO2 level – 80% (N>90%).
 Mean SpO2 was normal 96.6%. (N>92%)
 Arousal index – 40.0/h. (N<21). Most arousals were spontaneous.
 Absence of periodic limb movement, PML index – 0/h.

Sleep statistics

Calculated parameter	Value	Calculated parameter	Value
Study information		Index	
Date of recording	September 08, 2017	Number of apnea	78
Light off (HH:MM)	00:38	Number of hypopnea	216
Light on (HH:MM)	06:48	Number of apnea+hypopnea	294
Total recording time (TRT) (HH:MM)	06:10	Apnea index	12,6
		Hypopnea index	35,0
		Apnea+hypopnea index	47,6
		Respiratory disorders index (RDI)	58,8
		LM number	5
		LM index	0,8
		PLM number	0
		PLM index	0,0
		Snoring number	3525
		Snoring index	571,2
		Autonomic arousals	0
		Autonomic arousals index	0,0

Body position statistics

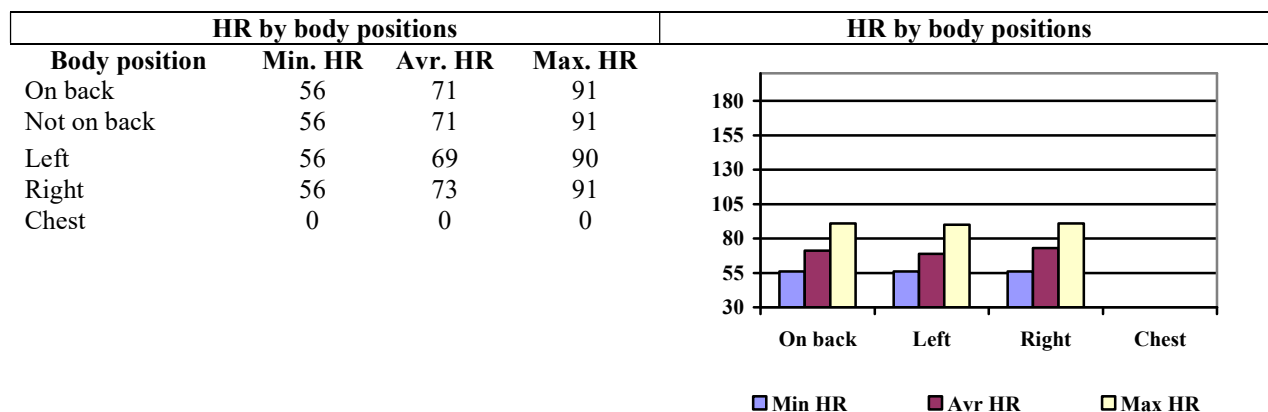
Body position	Duration	% from TRT
Supine	01:24:10	23
Left	01:55:50	31
Right	02:47:50	45
Chest	00:00:00	0

Arousals	Qty.	Index	Dur., s.	Avr. dur., s.	Max. dur., s.
Autonomic arousals	663	188,5	128	12	62

Cardiac statistics

ECG events	Qty.	Index	Total duration, m.	Avr. duration, s.	Max. duration, c.
Tachycardia	0	0,0	0	0	0
Bradycardia	0	0,0	0	0	0
Asystole	0	0,0	0	0	0

Minimal HR level	56
Average HR level	71



Breathing disorders statistics

Событие	Event	Qty.	Duration, s	% from TRT	Avr. dur., s	Max. dur., c
Obstructive apnea	74	17	20,0	12,0	13	20
Central apnea	0	0	0,0	0,0	0	0
Mixed apnea	4	1	0,0	0,6	16	17
Apnea total	78	18	21,1	12,6	-	-
Obstructive hypopnea	210	88	56,7	34,0	25	117
Central hypopnea	6	2	1,6	1,0	22	43
Hypopnea	0	0	0,0	0,0	0	0
Hypopnea total	216	90	58,3	35,0	-	-
Apnea +Hypopnea	294	108	17,5	47,6	-	-

Event, quantity	On back	Index On back, /h	Not on back	Index Not on back, /h	Right side	Index Right side, /h	Left side	Index Left side, /h	Chest	Index Chest, /h
	Obstructive apnea	67	47,8	7	1,5	1	0,4	6	3,1	0
Central apnea	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Mixed apnea	4	2,9	0	0,0	0	0,0	0	0,0	0	0,0
Apnea total	71	50,6	7	1,5	1	0,4	6	3,1	0	0,0
Obstructive hypopnea	46	32,8	164	34,7	112	40,0	52	26,9	0	0,0
Central hypopnea	3	2,1	3	0,6	1	0,4	2	1,0	0	0,0
Hypopnea	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Hypopnea total	49	34,9	167	35,3	113	40,4	54	28,0	0	0,0
Apnea +Hypopnea	120	85,5	174	36,8	114	40,8	60	31,1	0	0,0

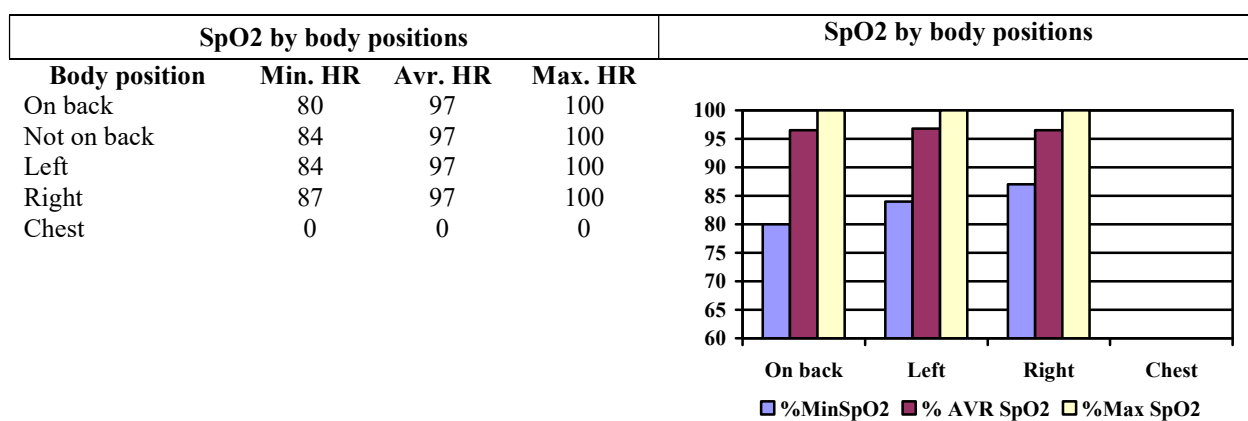
Snoring statistics

Event	Qty.	Index
Snore	3525	571,2
By body positions		
On back	592	422,0
Not on back	2933	620,4
Left	1038	537,7
Right	1895	677,5
Chest	0	0,0

SpO2 statistics

Minimal SpO2 level	80
Average SpO2 level	97

Event	Qty.	Index	Duration., s	Avr. dur., c	Max. dur., c
<i>Desaturation</i>	229	37,1	81	21	115
<i>Critical SpO2 value</i>	0	0,0	0	0	0



SpO2 values distribution

Value	100% - 94%	93% - 88%	87% - 80%	79% - 70%	69% - 60%	59% - 50%
Time (min.)	360	9	1	0	0	0
Time (% from TRT)	9.5	0.2	0.0	0.0	0.0	0.0

Value	3 - 4%	5 - 10%	11 - 15%	16 - 70%
Quantity	162	55	10	2

Limbs movements statistic

Limbs movements (LM including PLM)			Periodic limbs movements		
Events	Qty.	Index	Events	Qty.	Index
LM	5	0,8	PLM	0	0,0
Body positions statistics					
On back	0	0,0	On back	0	0,0
Not on back	5	1,1	Not on back	0	0,0
Right	0	0,0	Right	0	0,0
Chest	0	0,0	Chest	0	0,0
Left	5	2,6	Left	0	0,0