

SOMNOFIT ref. S-02, Mandibular advancement device

Preliminary results of polysomnography tests made by Dr P.-J. Monteyrol, Sleep clinic du Tondu, Bordeaux, France.

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Sex (1 = man, 2 = woman)	1	2	2	1	1	1	4 men, 2 women
Age (year)	45	27	59	54	46	52	47.2
Weight (kg)	75	59	69	73	86	72	72.3
Size (m)	1.74	1.62	1.55	1.65	1.79	1.75	1.7
BMI (Body mass index)	24.8	22.5	28.7	26.8	26.8	23.5	25.5

Results without the SOMNOFIT device:

Date of Polysomnography	17.01.2007	20.09.2006	13.12.2006	24.01.2007	13.03.2007	11.04.2007	
AHI (Apnea / Hypopnea index)	14.8	2.26	11.5	17.1	16.8	5.2	11.3
Micro-arousal	25.9	32.76	15.6	35	31.7	23.7	27.4
Snoring % of sleep time	14	0	37	100	3	1	25.8
Sleep time (minutes)	243	450	442	417	473	476	416.8

Results with the SOMNOFIT device:

Date of Polysomnography	21.09.2007	06.10.2007	02.10.2007	07.11.2007	09.11.2007	22.09.2007		Reduction
AHI (Apnea / Hypopnea index)	9.3	0	2	7.9	8	0	4.5	-60%
Micro-arousal	14.3	3	5	20.5	13	7	10.5	-62%
Snoring % of sleep time	14	0	2	23	10	0	8.2	-68%
Sleep time (minutes)	428	477	477	371	437	460	441.7	

