

Table S1. Demographic and clinical characteristics and treatment in patients with narcolepsy type 1 (NT1) and narcolepsy type 2 (NT2) with vs. without clinical REM sleep behavior disorder (RBD).

	NT1			NT2		
	With clinical RBD	Without clinical RBD	P	With clinical RBD	Without clinical RBD	P
Number of patients	115	163		25	165	
Men, %	61.8	39.9	0.0003*	48	48.5	0.96
Age, y	43.8 ± 18.2	39.5 ± 17.8	0.052	41 ± 13.5	34.6 ± 13.2	0.02*
Disease course, y	18.2 ± 16.8	18.3 ± 16.3	0.96	15.8 ± 9.7	11.2 ± 10.6	0.01*
Epworth sleepiness scale score, 0-24						
- at diagnosis	18.2 ± 4	17.9 ± 3.6	0.71	18.1 ± 4.2	16.5 ± 3.6	0.02*
- at time of the study	17.3 ± 4.1	16.1 ± 4.4	0.03*	16 ± 5.1	14.8 ± 4.5	0.22
Restless legs syndrome, %	22.1	13.7	0.07	8	9.7	0.79
Disrupted nighttime sleep, %	68.8	49.6	0.006*	50	46.8	0.96
Psychological symptoms						
BDI-II, 0-63	14.7 ± 9.9	11.7 ± 9.6	0.02*	13.5 ± 11.7	13.5 ± 9.6	0.75
STAI-Y, A and B score (total), 40-160	86.1 ± 23.7	78.7 ± 20.24	0.02*	82.2 ± 29.6	85.8 ± 23	0.35
STAI-Y, A, 20-80	40.4 ± 12.8	36.8 ± 10.5	0.02*	39.2 ± 15.9	40.2 ± 13	0.56
STAI-Y, B, 20-80	45.9 ± 12.4	42.2 ± 11.6	0.03*	43 ± 14.7	45.6 ± 11.5	0.31
Antidepressant use, %	52.2	38	0.02*	24	7.3	0.02*

Data are the mean ± SD and %. BDI-II: Beck Depression Inventory-II; STAI-Y: State (A)-Trait (B) Anxiety Inventory.

Table S2. Subjective somnolence in central disorders of hypersomnolence (including all patients with narcolepsy type 1, narcolepsy type 2 and idiopathic hypersomnia).

	With parasomnia	Without parasomnia	P	P adjusted for diagnosis
Epworth sleepiness scale score at the time of the diagnosis, 0-24				
NREM parasomnias				
Current NREM parasomnia	16.9 ± 6.1	16.6 ± 3.9	0.82	0.95
Sleep-related eating disorder	15.2 ± 5.9	16.9 ± 3.9	0.14	0.052
REM parasomnias				
Frequent nightmares	16.9 ± 4.6	16.7 ± 3.2	0.62	0.99
Sleep-related hallucinations	17.9 ± 3.9	16.4 ± 3.8	0.0002*	0.03*
Sleep paralysis	17.3 ± 4.1	16.7 ± 3.8	0.11	0.9
Sleep talking	16.7 ± 3.7	16.3 ± 4	0.32	0.88
Sleep shouting	17.3 ± 3.7	16.2 ± 3.9	0.02*	0.09
Epworth sleepiness scale score at the time of the study, 0-24				
NREM parasomnias				
Current NREM parasomnia	16.9 ± 4.5	15.5 ± 4.5	0.2	0.24
Sleep-related eating disorder	17.3 ± 4.2	15.5 ± 34.5	0.054	0.15
REM parasomnias				
Frequent nightmares ¹	16.4 ± 4.4	15.6 ± 4.4	0.051	0.1
Sleep-related hallucinations	16.8 ± 4.1	15.1 ± 4.7	< 0.0001*	0.0004*
Sleep paralysis	16.2 ± 4.3	15.5 ± 4.7	0.06	0.47
Sleep talking	15.9 ± 4.4	15 ± 4.6	0.03*	0.19
Sleep shouting	16.3 ± 4.3	15.1 ± 4.5	0.002*	0.02*

¹frequent nightmares: more than 1 episode per week