

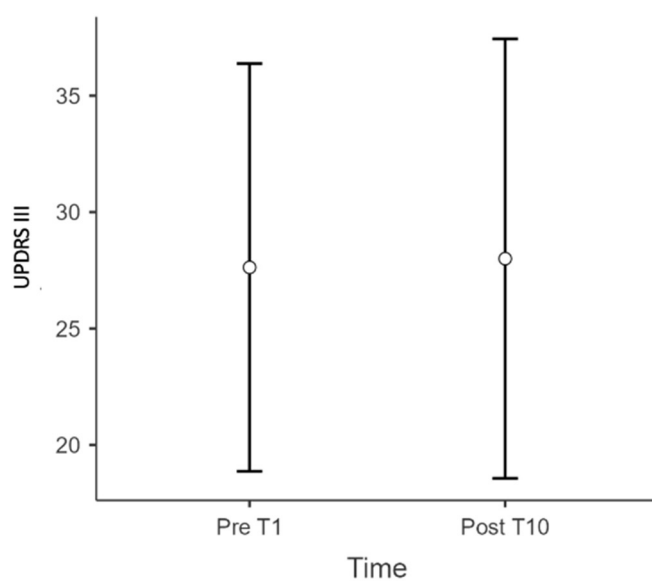
**Table S1.** Baseline characteristics of participants composing the experimental group (mean, median, SD, minimum, maximum; N=13)

	N	mean	median	SD	minimum	maximum
Age (years)	13	64.54	63	9.01	47	83
Mean disease duration (years)	5	5.40	7	7.3	2	7
Height (m)	13	1.72	1.72	0.1	1.60	1.89
Weight (Kg)	13	75.8	71.5	10.16	61	93.8
BMI (kg/m <sup>2</sup> )	13	26.18	25	3.91	21	35
UPDRS (III)	8	27.63	28.5	1	11	45
RR mean (ms)	13	0.878	0.859	0.154	0.621	1.25
RR min (ms)	13	0.780	0.790	0.140	0.604	1.13
RR max (ms)	13	0.973	0.962	0.193	0.649	1.32
RMSSD (ms)	13	17.982	15.377	10.340	3.065	34.08
SDNN (ms)	13	31.055	29.726	11.612	10.644	48.98
HF spectrum (ms <sup>2</sup> )	13	106.102	46.011	126.325	2.772	375.50
LF spectrum (ms <sup>2</sup> )	13	155.419	104.575	139.782	2.621	468.38
Ratio LF/HF	13	3.362	1.709	4.432	0.644	15.07
supine SBP (mmHg)	13	119.2	118	11.83	98	135
standing SBP (5') (mmHg)	7	116.1	119	13.53	89	130
supine DBP (mmHg)	13	76.8	79	8.91	61	95
standing DBP (5') (mmHg)	7	78.4	79	9.38	63	95
Epinephrine (ng/mL)	12	0.120	0.093	0.0083	0.017	0.294
Norepinephrine (ng/mL)	12	0.594	0.459	0.469	0.09	1.590
Dopamine (ng/mL)	12	0.738	0.243	1.331	0.053	4.570

**Table S1 abbreviation list:** BMI: Body Mass Index; DBP: Diastolic Blood Pressure; HF: High Frequency; LF: Low Frequency; LF/HF: Low Frequency and High Frequency Ratio; RMSSD (ms): Root Mean Square of the Successive Differences; RR: R-R Interval; SBP: Systolic Blood Pressure; SD: Standard Deviation; SDNN (ms): Standard Deviation of NN intervals; UPDRS (III): Unified Parkinson's Disease Rating Scale, Part III

**Table S2.** UPDRS III descriptives (mean, median, SD, minimum, maximum; N=8) measured before the first (T1) and after the last (T10) WBC sessions.

	N	Mean	Median	SD	Minimum	Maximum
UPDRS Pre T1	8	27.6	28.5	10.5	11	45
UPDRS Post T10	8	28	29	11.3	11	48



**Figure S1.** UPDRS III results