

Supplementary Table 3. Comparison of cerebral perfusion parameters according to the supine hypertension in PD groups

	Supine hypertension(+)	Supine hypertension(-)	<i>p</i> value
PD-OH(+) groups			
$\Delta\text{Hb}_{\text{oxy}}$ (L)*			
1 min	- 1.0 (1.2)	- 2.6 (1.9)	0.114
2 min	- 1.5 (1.3)	- 3.7 (3.0)	0.171
3 min	- 1.6 (1.3)	- 4.1 (3.8)	0.114
4 min	- 1.9 (1.3)	- 4.5 (4.3)	0.114
5 min	- 1.9 (1.4)	- 3.8 (2.8)	0.171
6 min	- 2.0 (1.4)	- 2.9 (1.0)	0.352
7 min	- 2.0 (1.4)	- 2.7 (0.5)	0.257
8 min	- 2.1 (1.5)	- 2.7 (0.7)	0.352
9 min	- 2.0 (1.4)	- 2.9 (0.8)	0.171
ΔMFV (%)†			
1 min	- 21.0 (7.8)	- 18.0 (9.4)	0.571
3 min	- 18.7 (6.5)	- 23.5 (12.8)	0.548
5 min	- 22.0 (6.9)	- 20.7 (9.4)	0.905
9 min	-23.7 (9.0)	- 23.5 (9.1)	0.905
MaxLPT‡	25.8 (6.4)	23.5 (4.2)	0.393
PD-OH(-) groups			
$\Delta\text{Hb}_{\text{oxy}}$ (L)§			
1 min	- 0.9 (0.7)	- 0.5 (1.9)	0.947
2 min	- 1.4 (0.3)	- 1.0 (1.9)	0.842
3 min	- 1.4 (0.5)	- 0.9 (2.0)	0.947
4 min	- 1.4 (0.3)	- 0.8 (2.2)	0.749
5 min	- 1.0 (1.1)	- 0.8 (2.2)	0.947
6 min	- 0.6 (1.6)	- 0.8 (2.3)	0.655
7 min	- 0.5 (1.7)	- 0.5 (2.4)	0.842
8 min	- 0.7 (2.0)	- 0.6 (2.5)	0.842
9 min	- 1.0 (2.1)	- 0.5 (2.7)	1.000
ΔMFV (%)¶			
1 min	- 17.0	- 17.3 (9.9)	0.923
3 min	- 25.0	- 20.5 (8.0)	0.667
5 min	- 23.0	- 19.6 (7.7)	0.500
9 min	- 27.0)	- 20.2 (6.4)	0.364
MaxLPT¶¶	36.6 (1.1)	18.7 (7.8)	0.059

Statistical analyses were performed using Mann–Whitney test.

*number of subjects (Supine hypertension(+): 4, Supine hypertension(-): 6); †number of subjects (Supine hypertension(+): 3, Supine hypertension(-): 6); ‡number of subjects (Supine hypertension(+): 3, Supine hypertension(-): 5); §number of subjects (Supine hypertension(+): 2, Supine hypertension(-): 19); ¶number of subjects (Supine hypertension(+): 1, Supine hypertension(-): 12); ¶¶number of subjects (Supine hypertension(+): 2, Supine hypertension(-): 15).

PD, Parkinson's disease; PD-OH(+), Parkinson's disease patients with orthostatic hypotension; PD-OH(-), Parkinson's disease patients without orthostatic hypotension; $\Delta\text{Hb}_{\text{oxy}}$, the change in oxygenated hemoglobin; min, minute; ΔMFV , the mean flow velocity change; MaxLPT, maximum peak time on the left side.