

Table S1. Stimulation parameters at post-operative long-term evaluation

Stimulation parameters and settings	Total n= 20 N. (%), mean, [±SD]; median {range}
Frequency setting	
High frequency	17 (85.00%)
Low frequency	3 (15.00%)
Left STN	
Single monopolar stimulation	15 (75.00%)
Bipolar stimulation	2 (10.00%)
Double monopolar stimulation	3 (15.00%)
Voltage (V)	2.640 [± 0.792]; 2.800 {0.652-3.900}
Frequency (Hz)	132.500 [± 28.81]; 130.000 {80.000-180.000}
Pulse width (usec)	64.500 [± 10.990]; 60.000 {60.000 - 90.000}
Impedance (Ω)	937.150 [± 184.256]; 945.500 {662.00 -1407.00}
Power of stimulation	66.535 [± 31.974]; 69.302 {4.240-135.871}
Right STN	
Single monopolar stimulation	18 (90.00%)
Bipolar stimulation	0 (.00%)
Double monopolar stimulation	2 (10.00%)
Voltage (V)	2.466 [± 0.808]; 2.650 {0.746-4.100}
Frequency (Hz)	123.400 [± 37.135]; 130.000 {60.000-180.000}
Pulse width (usec)	69.500 [± 18.771]; 60.000 {60.000-130.000}
Impedance (Ω)	964.850 [± 218.867]; 951.500 {566.00 -1474.00}
Power of stimulation	56.599 [± 33.375]; 50.022 {5.281 -121.571}