

Supplementary table 1: DBS settings, BFM scale and medications

	Baseline	1 mo	3 mo	6 mo
DBS settings	n/a	C+,1- 1 V/90ms/130Hz C+, 9- 1V/90ms/130Hz	C+,1- 3 V/90ms/130Hz C+, 9- 3V/90ms/130Hz	C+, 1- 2.5V/90ms/130Hz C+, 9- 2.5V/90ms/130Hz
BFM motor	86.5	86	57.5	21.5
BFM disability	27	23	18	12
Medications	Baclofen 15mg TID Sinemet 25/100 0.5 tab TID Clonazepam 0.5/0.5/1mg Diazepam 10mg q4h Trihexyphenidil 5mg TID Zolpidem 5mg qHS Diphenhydramine 25mg qHS	Baclofen 15mg TID Sinemet 25/100 0.5 tab TID Clonazepam 0.5/0.5/1mg Diazepam 10mg q4h Trihexyphenidil 5mg TID Zolpidem 5mg qHS Diphenhydramine 25mg qHS	Baclofen 15mg TID Sinemet 25/100 0.5 tab TID Clonazepam 0.5/0.5/1mg Diazepam 10mg q4h Trihexyphenidil 5mg TID	Baclofen 15mg TID Sinemet 25/100 0.5 tab TID Clonazepam 0.5 TID Trihexyphenidil 5mg TID