

Supplementary Material

The Use of Image Guided Programming to Improve Deep Brain Stimulation Workflows with Directional Leads in Parkinson's Disease

1.5T (Ingenia, Philips, Best, The Netherlands)

	3D T1 Fast Field Echo (3D T1 FFE)	Balanced Fast Field Echo (B-FFE)	T2 Turbo Spin Echo (TSE)
Acquisition plane	Axial	Axial	Axial
Field of view (mm)	230x230x180 (whole brain)	180x180x100 (deep gray nuclei)	256x256x75 (deep gray nuclei)
Acquisition Matrix	256x256x200	360x360x100	288x288x30
TR (ms)	25	8	2072
TE (ms)	4.6	4	100
Flip angle (°)	30	50	90