

# Supplementary Material

## The Role of Microelectrode Recording and Stereotactic Computed Tomography in Verifying Lead Placement During Awake MRI-Guided Subthalamic Nucleus Deep Brain Stimulation for Parkinson's Disease

MR Scanning Parameters		
	T2 SPACE	T1 MPRAGE + gadolinium
Scanner	Siemens Skyra 3 Tesla	
Coil Elements	Flex Coil (4 channel) Spine Coil (2x 8 channels)	
Acquisition time (min)	10:29 min	4:44 min
Orientation	Transversal	Transversal
TR (ms)	2500 ms	2300 ms
TE (ms)	319 ms	1.59 ms
Slice Thickness	1.10 mm	1.14 mm
Field of View	280 mm	256 mm
Number of slices	192	256
Scan Mode	3D	3D
Spatial Resolution	1.1 x 1.1 x 1.1 mm	1.1 x 1.1 x 1.1 mm
Bandwidth	434 Hz/px	830 Hz/px

TR, repetition time; TE, echo time