

Table e-3 – Number needed to treat for the original cohort

	Number needed to treat	
	STN-DBS	GPI-DBS
PDQ SI	1.38	1.25
UPDRS-I	1.25	2.11
UPDRS-II	2.35	1.46
UPDRS-III	1.81	3.60
UPDRS-IV	2.00	1.73
H&Y	3.55	1.90
S&E	1.82	2.11
LEDD	1.33	3.33
NMSS	1.67	1.54
Cardiovascular	3.08	2.86
Sleep/fatigue	2.22	1.67
Mood/cognition	2.67	2.22
Perceptual problems/hallucinations	10.00	6.67
Attention/Memory	4.00	2.50
Gastrointestinal	5.00	5.00
Urinary	3.08	2.22
Sexual function	5.00	2.00
Miscellaneous	1.60	2.50

Abbreviations: **GPI-DBS** = Pallidal stimulation; **H&Y** = Hoehn and Yahr Scale, **LEDD** = levodopa equivalent daily dose; **NMSS** = Non-motor Symptom Scale; **PDQ SI** = Parkinson's Disease Questionnaire Summary Index; **S&E** = Schwab and England Scale; **STN-DBS** = Subthalamic stimulation; **UPDRS-I, -II, -III, and -IV** = Unified Parkinson's Disease Rating Scale-cognition, -activities of daily living, -motor impairment, and -motor complications.

NNT = $(1 / \% \text{ of patients who improved} > \frac{1}{2} \text{ SD}_{\text{baseline}}) \times 100$