

**Supplementary Table S1. All drug-related adverse events—post DBS data excluded**

	Number of events				Number of patients
	Mild	Moderate	Severe	Total	
<i>Total number of adverse events</i>	86	6	2	94	15
<i>Nervous system disorders</i>	62	3	1	67	15
Dyskinesia	29	2	1	32	11
On and off phenomenon	22	0	0	22	11
Headache	4	0	0	4	3
Akinesia	3	0	0	3	3
Balance disorder	1	0	0	1	1
Brain edema <sup>a</sup>	1	0	0	1	1
Dysarthria	1	0	0	1	1
Speech disorder	1	0	0	1	1
Tremor	0	1	0	1	1
<i>Psychiatric disorders</i>	9	1	1	11	7
Delusional perception	3	0	0	3	3
Anxiety	1	1	0	2	2
Hallucination	2	0	0	2	2
Abnormal dreams	1	0	0	1	1
Acute psychosis	0	0	1	1	1
Confused state	1	0	0	1	1
Hallucination, visual	1	0	0	1	1
<i>Investigations</i>	7	0	0	7	5
Nuclear magnetic resonance imaging brain abnormal	3	0	0	3	3
Nuclear magnetic resonance imaging abnormal	2	0	0	2	2
Weight decreased	1	0	0	1	1
Weight increased	1	0	0	1	1
<i>Musculoskeletal and connective tissue disorders</i>	4	0	0	4	4
Back pain	1	0	0	1	1
Musculoskeletal pain	1	0	0	1	1
Myalgia	1	0	0	1	1
Neck pain	1	0	0	1	1
<i>Injury, poisoning, and procedural complications</i>	2	0	0	2	2
Fall	1	0	0	1	1
Subdural hematoma <sup>b</sup>	1	0	0	1	1
<i>Blood and lymphatic system disorders</i>	0	1	0	1	1
Anemia	0	1	0	1	1
<i>Gastrointestinal disorders</i>	1	0	0	1	1
Nausea	1	0	0	1	1
<i>Renal and urinary disorders</i>	0	1	0	1	1
Glomerulonephritis	0	1	0	1	1

<sup>a</sup>Along the injection site only.<sup>b</sup>Bleeding under burr hole.