**Table e-5**

**Tremor Patient ILS Response**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Patient No.** |  | **Setting prior to ILS**\* |  | **ILS settings**\* |  | **Settings at last evaluation** |  | **DBS implant to ILS** |  | **Duration on ILS** |  | **FTMTRS****Pre/Post ILS** |  | **Response** |  | **Continue****ILS settings at last evaluation** |  | **Comments and reason for ILS discontinuation** |
| **MANAGEMENT OF ADVERSE EFFECTS** |
| ET1 |  | L: C+3-/1.5/60/130 |  | **L: C+3-/1.3/60/125;** **C+2-/1.3/60/125** |  | L: C+3-/1.5/60/130 |  | 3 months |  | 1 week |  | 30/\_\_ |  | No Benefit |  | No |  | AE: dysarthria |
| ET4 |  | L: 2+1-/4.1/90/185 |  | **L: C+2-/2/180/125;** **1+2-/3/120/125** |  | **L: C+2-/2/180/125;** **1+2-/3/120/125** |  | 91 months |  | 15 months |  | \_\_/\_\_ |  | Improvement |  | Yes |  | AE: dysarthria and paresthesia |
| ET5 |  | L: C+3-/3/90/130 |  | **L: C+3-/2.5/60/125; 2+3-/1.5/90/125** |  | **L: C+3-/2.5/60/125; 2+3-/1.5/90/125** |  | 23 months |  | 17 months |  |  \_\_/11 |  | Improvement |  | Yes |  | AE: paresthesia |
| **IMPROVE TREMOR** |  |  |
| ET2 |  | R: C+1-/1.5/60/130L: 2+1-/3.5/90/185 |  | R: C+1-/1.5/60/130**L: C+0-/-/90/125;** **C+3-/-/90/125** | R: C+1-/1.5/60/130L: C+1-/3.5/90/185  |  |  | 37 months |  | Program session |  | \_\_/\_\_ |  | No Benefit  |  | No |  |  |
| ET3 |  | L: 3+2-/4/90/185 |  | **L: 1+2-/4.5/210/125; 3+2-/5/120/125** | L: 1+2-/4/90/185 |  |  | 94 months |  | 1 week |  | \_\_/\_\_ |  | No Benefit |  | No |  |  |
| MS1 |  | L: C+3-/2.9/60/130 |  | **L: C+3-/2.9/60/125;** **C+2-/1/60/125** | L: C+3-/2.8/60/130 |  |  | 4 months |  | 2 days |  | \_\_/\_\_ |  | No Benefit |  | No |  |  |
| PD28 |  | L: 2+1-/4/60/130 |  | **L: C+1-/2.2/60/125;** **C+2-/2/60/125** | 2+1-/4/60/130 |  |  | 11 months |  | 1 week |  | \_\_/\_\_ |  | No Benefit |  | No |  |  |

Abbreviations: \*contacts/voltage (volts) /pulse width (μs)/frequency (Hz); AE: adverse event; C: case; DBS: deep brain stimulation; ET: essential tremor; FTMTRS: Fahn Tolosa Marin Tremor Rating Scale; L: left; MS: multiple sclerosis; PD: Parkinson disease; R: right. Interleaving stimulation is in BOLD type.