**Supporting information**

**Table1. Tremor scores for patients with PIGD and non-PIGD subtypes**

|  |  |
| --- | --- |
| Subjects | Tremor score |
| P006 | 2 |
| P015 | 2 |
| P017 | 0 |
| P021 | 1 |
| P025 | 0 |
| P036 | 0 |
| P044 | 0 |
| P053 | 0 |
| P057 | 2 |
| P059 | 0 |
| P065 | 0 |
| P072 | 2 |
| NP007 | 3 |
| NP012 | 23 |
| NP024 | 3 |
| NP028 | 2 |
| NP032 | 13 |
| NP033 | 3 |
| NP038 | 20 |
| NP040 | 9 |
| NP041 | 14 |
| NP061 | 4 |
| NP068 | 15 |
| NP071 | 12 |
| PIGD | **non-PIGD** | **T (P value)** |
| 0.75 ± 0.96 | 10.1 ± 7.2 | -4.45 (**0.001\***) |

Bold value and “\*” means a statistical difference between the PIGD and non-PIGD subtypes with the statistical threshold set at P < 0.05. P = PIGD; NP = non-PIGD

**Table2. Daily levodopa equivalent dose (LED) for sixteen treated patients**

|  |  |  |
| --- | --- | --- |
| Subjects | Drug | Daily LED (mg) |
| P006 | Piribedil | 150.0 |
| P017 | Controlled release L-dopa + Selegiline (oral) + Amantadine | 400.0 |
| P025 | Amantadine | 200.0 |
| P036 | Immediate release L-dopa + Piribedil | 750.0 |
| P044 | Immediate release L-dopa + Amantadine | 500.0 |
| P053 | Immediate release L-dopa + Selegiline (oral) + Amantadine + Pramipexole | 1000.0 |
| P057 | Immediate release L-dopa | 600.0 |
| NP012 | Immediate release L-dopa + Entacapone + Controlled release L-dopa + Piribedil | 699.0 |
| NP024 | Controlled release L-dopa + Pramipexole | 425.0 |
| NP032 | Immediate release L-dopa + Ropinirole | 280.0 |
| NP033 | Immediate release L-dopa + Piribedil + Amantadine | 958.3 |
| NP038 | Immediate release L-dopa + Amantadine | 450.0 |
| NP040 | Amantadine | 300.0 |
| NP041 | Immediate release L-dopa + Amantadine + Pramipexole + Controlled release L-dopa | 837.5 |
| NP061 | Controlled release L-dopa + Amantadine + Piribedil | 450.0 |
| NP068 | Selegiline (oral) + Piribedil | 100.0 |
| Mean | PIGD | non-PIGD | T (P value) |
| 300.0 ± 345.7 | 375.0 ± 328.2 | -0.54 (0.595) |

P = PIGD; NP = non-PIGD

**Table3. Fazekas scores for patients with PIGD and non-PIGD subtypes**

|  |  |  |
| --- | --- | --- |
| Subjects |  Fazekas score |  |
|  Operator 1 Operator 2 |  Average |
| P006 | 2 | 2 | 2 |
| P015 | 1 | 1 | 1 |
| P017 | 2 | 2 | 2 |
| P021 | 5 | 4 | 4.5 |
| P025 | 2 | 2 | 2 |
| P036 | 1 | 1 | 1 |
| P044 | 2 | 2 | 2 |
| P053 | 2 | 2 | 2 |
| P057 | 1 | 1 | 1 |
| P059 | 0 | 1 | 0.5 |
| P065 | 1 | 0 | 0.5 |
| P072 | 2 | 2 | 2 |
| NP007 | 2 | 2 | 2 |
| NP012 | 0 | 1 | 0.5 |
| NP024 | 2 | 2 | 2 |
| NP028 | 2 | 2 | 2 |
| NP032 | 2 | 2 | 2 |
| NP033 | 0 | 0 | 0 |
| NP038 | 2 | 2 | 2 |
| NP040 | 1 | 2 | 1.5 |
| NP041 | 2 | 2 | 2 |
| NP061 | 2 | 2 | 2 |
| NP068 | 2 | 2 | 2 |
| NP071 | 3 | 3 | 3 |
|  PIGD |  **non-PIGD** |  **T (P value)** |
|  1.7 ± 1.1 |  1.7 ± 0.8 |  -0.11(0.913) |

P = PIGD; NP = non-PIGD