Early onset of sleep/wake disturbances in a progressive macaque model of Parkinson's disease

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Supplementary Table 1: Mean values and standard deviations of each clinical item of the parkinsonian scale used during the different disease states: presymptomatic state, syndrome stabilization and stable symptomatic state. Each item is scored between 0 (no difference with healthy state) and 2 or 3 (maximum disability compared to healthy state), with a total score out of 25.

| Injection number | Cumulative dose of MPTP (mg/kg) | Score of parkinsonism (mean ± SEM) | General activity (0-3) | Frequency of arms movement (0-3 for each arm) | Flexed posture (0-3) | Bradykinesia (0-3) | Tremor * (0-3) | Eating (0-3) | Freezing (0-2) | Vocalization (0-2) |
|------------------|---------------------------------|-----------------------------------|------------------------|---------------------------------------------|---------------------|-----------------|-----------------|-------------|--------------|------------------|
| M1 8 y.o. 8 Kg   |                                 |                                   |                        |                                             |                     |                 |                 |             |              |                  |
| Presymptomatic   | 1 → 10                          | 3.9                               | 3 ± 0.3                | 1.3 ± 0.1                                   | 0.7 ± 0.1           | 1.1 ± 0.3       | 0               | 0            | 0            | 0                |
| Syndrome stabilization | 11 → 18                        | 7.55                              | 9.1 ± 1.1              | 1.7 ± 0.5                                   | 1 ± 0.1             | 1.1 ± 0.1       | 2 ± 1.0          | 1.6 ± 0.5    | 0.9 ± 0.8     | 0.8 ± 0.5         |
| Symptomatic (stable) | 18                             | 7.55                              | 13.8 ± 0.2             | 2 ± 0                                       | 1.3 ± 0.2           | 1.8 ± 0.1       | 3 ± 0            | 2 ± 0         | 1.1 ± 0.2     | 1.4 ± 0.1         |
| M2 10 y.o. 10 Kg |                                 |                                   |                        |                                             |                     |                 |                 |             |              |                  |
| Presymptomatic   | 1 → 6                           | 1.5                               | 4.6 ± 0.1              | 1.5 ± 0.1                                   | 2.3 ± 0.2           | 0               | 0               | 0.6 ± 0.1    | 0            | 0                |
| Syndrome stabilization | 7 → 8                          | 2.2                               | 15.4 ± 1.6             | 2.8 ± 0.5                                   | 2.5 ± 0.2           | 1.7 ± 0.1       | 2.8 ± 1.1        | 1.6 ± 0.5    | 0.9 ± 0.5     | 1.4 ± 0.1         |
| Symptomatic (stable) | 8                              | 2.2                               | 18.9 ± 0.1             | 3 ± 0                                       | 3 ± 0               | 2 ± 0           | 3 ± 0            | 2 ± 0         | 2.6 ± 0.1     | 0.5 ± 0.1         |
| M3 6 y.o. 5 Kg   |                                 |                                   |                        |                                             |                     |                 |                 |             |              |                  |
| Presymptomatic   | 1 → 12                          | 5.5                               | 2.8 ± 0.1              | 1.6 ± 0.1                                   | 0                   | 0               | 0               | 0            | 1.2 ± 0.1    | 0                |
| Syndrome stabilization | 13 → 18                        | 6.1                               | 9.8 ± 1.3              | 2.1 ± 0.6                                   | 0.8 ± 0.1           | 1.2 ± 0.5       | 2.1 ± 1.0        | 2 ± 0.8      | 0             | 0.8 ± 0.1         |
| Symptomatic (stable) | 18                             | 6.1                               | 16.4 ± 0.3             | 3 ± 0                                       | 1.8 ± 0.2           | 2.4 ± 0.1       | 3 ± 0            | 2 ± 0         | 1.8 ± 0.3     | 1 ± 0.1           |

*mainly action tremor; only M2 experienced resting tremor