

Supplementary Table 1. Demographic and clinical characteristics of the PD patients

Variables	Total PD patients (<i>n</i> = 108)
Age at presentation, year	66.6 ± 8.7
Female gender	63 (58.3)
Age at PD onset, year	58.9 ± 9.9
PD disease duration, year	7.7 ± 5.0
K-MMSE score	26.7 ± 2.7
H&Y stage	2.0 (1–4)
Total LED, mg	743.9 ± 416.1
MDS-UPDRS part I total score	12.9 ± 6.8
MDS-UPDRS part II total score	10.4 ± 8.2
MDS-UPDRS part III total score	28.9 ± 11.9
MDS-UPDRS part IV total score	5.3 ± 5.2
K-PDQ-39 summary index	24.3 ± 17.7

The values are expressed as mean ± standard deviation, median (min–max), or number (percentage). PD: Parkinson's disease, K-MMSE: Korean version of the Mini-Mental State Examination, H&Y stage: Hoehn and Yahr stage, LED: levodopa equivalent dose, MDS-UPDRS: Movement Disorder Society-Unified Parkinson's Disease Rating Scale, K-PDQ-39: Korean version of the 39-Item Parkinson's Disease Questionnaire.