Table 1: Inclusion and exclusion criteria of enrolled participants

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| **Inclusion criteria** | **Exclusion criteria** |
| Male and female patients with a clinical diagnosis of Parkinson's disease according to the current MDS criteriac [PMID: 26474316] | Atypical and secondary parkinsonian syndromes |
| Age between 45 and 100 years | Concomitant diseases such as neoplasias in the brain, mania or congestive heart failure (NYHA stage IV) |
| Ability to provide informed consent | Severe depressive episode or history of depression (BDI-II score > 29 Punkte) |
| Stability of Parkinson's medication for at least four weeks | Signs of Parkinson dementia (PANDA Score < 14 Punkte) [PMID: 17707678] or dementia in healthy control subjects (MMSE score < 19) |
| Examination period preferably within two weeks | Expected non-complicance |
|  | Unpredictable ON/OFF fluctuations |
|  | Treatment with Deep Brain Stimulation (DBS) |