Supplementary Table 1. Inclusion and Exclusion Criteria a

Inclusion criteria	Exclusion criteria
 Clinical diagnosis of PD according to the UK PD Society Brain Bank criteria¹⁷ Modified Hoehn & Yahr Stage I to IV in the ON state Age between 40 and 90 years Mini Mental State Examination (MMSE) score of >= 21 or > 16 on the 26-item MMSE screening Stable PD medication during the previous month Self-reported FOG severity of at least one FOG episode per day, irrespective of FOG occurring ON- or OFF-medication Observed FOG during the 	 Participation in another clinical study or usage of cueing devices A fall frequency of more than once a day Acute musculoskeletal, cardiovascular, other neurological or any other medical condition affecting gait Occurrence of any of the following within 3 months prior to informed consent: orthopedic surgery of the lower extremity, myocardial infarction, hospitalization for unstable angina, coronary artery bypass graft, percutaneous coronary intervention, implantation of a cardiac resynchronization therapy device, implantation of deep brain stimulation Substance abuse, major depressive disorder or clinical apathy that affects daily walking activity or may interfere with the patient's compliance
provoking protocol in baseline	- Inability to walk without a rollator indoors
testing	 Use of a duodopa pump or apomorphine injections, jeopardizing OFF-medication assessments

^a FOG: Freezing of Gait; PD: Parkinson disease.

¹⁷Hughes AJ, Daniel SE, Kilford L, Lees AJ. Accuracy of clinical diagnosis of idiopathic Parkinson's disease: a clinico-pathological study of 100 cases. *J Neurol Neurosurg Psychiatry* 1992;**55(3)**:181–4.