Additional file:

Open peer review report 1 on "Need for multiple biomarkers to adjust parameters of closed-loop deep brain stimulation for Parkinson's disease".

Reviewer: Alan D. Dorval, University of Utah, USA

Comments to the author:

It is a brief update of the state of closed-loop DBS.

Minor point:

On lines 54-58 of page 1: "Typically, this procedure requires three to six months until achieving the optimal setting..." That sentence is unclear, in that it follows a description of the basic closed-loop DBS paradigm. Thus it seems as though you are claiming that programming a closed-loop DBS system typically take 3-6 months, when in fact there is nothing typical about clinical closed-loop DBS systems (at present). You should clarify that the 3-6 months is required to program existing open-loop DBS systems.