

## Accepted Manuscript

Title: The effect of deep brain stimulation of the subthalamic nucleus on executive functions: Impaired verbal fluency and intact updating, planning and conflict resolution in Parkinson's disease

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**Highlights**

- The effect of bilateral STN DBS on executive functions was tested in PD
- The focus was on three different executive functions known to be involved in PD
- Results were compared to a DBS wait-listed PD control group
- Impaired fluency and intact updating, planning and conflict resolution was found

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