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J Alzheimers Dis Parkinsonism 2018, Volume 8
DOI: 10.4172/2161-0460-C2-040



## Deep brain stimulation for advanced parkinson's disease multicurrent and multiload electrodes technology

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Parkinson's Disease (PD) surgery has shown efficacy to ameliorate symptoms of advanced PD. Even though, the efficacy and the side effects are directly related to the adequate target in the sub-thalamic area. Multiple loads electrode technology combined with the multi-current and directional electric field were created to improve the efficacy and tolerance of deep brain stimulation. We show in this speech our experience of PD surgery DBS type with the combined multicurrent, directional electric field technique with the multiload electrode technology. The surgical procedure, clinical results and programming procedures in friendly images and videos as well as our results will be presented.

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