Accepted Manuscript

Thalamic Directional Deep Brain Stimulation for tremor: Spend less, get more

P. Rebelo, A.L. Green, T.Z. Aziz, A. Kent, D. Schafer, L. Venkatesan, B. Cheeran, B. Forrow, C. Fletcher, M. Bogdanovic, J.F. Fitzgerald, Bilal Mirza, E. Pereira

PII: S1935-861X(17)31031-8

DOI: 10.1016/j.brs.2017.12.015

Reference: BRS 1173

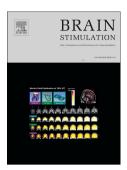
To appear in: Brain Stimulation

Received Date: 29 August 2017

Revised Date: 6 December 2017
Accepted Date: 28 December 2017

Please cite this article as: Rebelo P, Green AL, Aziz TZ, Kent A, Schafer D, Venkatesan L, Cheeran B, Oxford Clinical Group, Forrow B, Fletcher C, Bogdanovic M, Fitzgerald JF, Mirza B, Pereira E, Thalamic Directional Deep Brain Stimulation for tremor: Spend less, get more, *Brain Stimulation* (2018), doi: 10.1016/j.brs.2017.12.015.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Title: Thalamic Directional Deep Brain Stimulation for Tremor: Spend Less, Get More Authors: P Rebelo, RN^{1,3}; AL Green, MD, FRCS(SN)^{1,3}; TZ Aziz, F.Med.Sci.^{1,3}; A Kent, PhD²; D Schafer, PhD²; L Venkatesan, PhD²; B Cheeran, MRCP, PhD^{3,4}

- 1. Nuffield Department of Surgery, University of Oxford, Oxford, UK
- 2. R&D, Abbott, Minneapolis, U.S.A.
- 3. John Radcliffe Hospital, Oxford, UK.
- 4. Molecular and Clinical Sciences Research Institute, St George's University of London, London, UK.

Corresponding Author: (Present address) Binith Cheeran, Hon Senior Clinical Fellow, Molecular and Clinical Sciences Research Institute, St George's University of London, London, UK. Email: bcheeran@sgul.ac.uk

Collaborators: Oxford Clinical Group (B Forrow⁴, C Fletcher⁴, M Bogdanovic⁴, JF Fitzgerald^{1,4}, Bilal Mirza^{1,4}), E Pereira^{1,3}

Running title: Directional Deep Brain Stimulation for Tremor

Word Count: 2504

Number of Figures: 6

Number of Tables: 1

Supplementary online methods: Mathematica code for therapy impedance estimation, Template of D-DBS Graphical Programming record, VTA calculation methodology, Lead position data.

Download English Version:

https://daneshyari.com/en/article/8681420

Download Persian Version:

https://daneshyari.com/article/8681420

<u>Daneshyari.com</u>