

ORAL PRESENTATION

Open Access

Parkinson's tremor

Jeff Elias*, Robert Dallapiazza

From Current and Future Applications of Focused Ultrasound 2014. 4th International Symposium Washington, D.C, USA. 12-16 October 2014

Background/introduction

Tremor associated with Parkinson's disease can be medication resistant and disabling. A clinical trial of stereotactic focused ultrasound thalamotomy is underway.

Methods

This pilot study is being conducted in two centers with a randomized, controlled study design using blinded and validated rater assessments and a sham procedure. The primary outcome variable is hand tremor and the Unified Parkinson's disease rating scale in the medicated state at three months. Comprehensive cognitive assessments before and after the procedure are being conducted for additional safety. A total of thirty patients will be enrolled.

Published: 30 June 2015

doi:10.1186/2050-5736-3-S1-O2

Cite this article as: Elias and Dallapiazza: Parkinson's tremor. *Journal of Therapeutic Ultrasound* 2015 **3**(Suppl 1):O2.

Submit your next manuscript to BioMed Central and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit



University of Virginia, Charlottesville, VA, United States



© 2015 Elias and Dallapiazza; licensee BioMed Central Ltd. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated.