Accepted Manuscript

Diffusion MRI tractography for improved transcranial MRIguided focused ultrasound thalamotomy targeting for essential tremor

Qiyuan Tian, Max Wintermark, W. Jeffrey Elias, Pejman Ghanouni, Casey H. Halpern, Jaimie M. Henderson, Diane S. Huss, Maged Goubran, Christian Thaler, Raag Airan, Michael Zeineh, Kim Butts Pauly, Jennifer A. McNab

NeuroImage: CLINICAL

PII: S2213-1582(18)30156-6

DOI: doi:10.1016/j.nicl.2018.05.010

Reference: YNICL 1408

To appear in: NeuroImage: Clinical

Received date: 21 September 2017

Revised date: 3 May 2018 Accepted date: 8 May 2018

Please cite this article as: Qiyuan Tian, Max Wintermark, W. Jeffrey Elias, Pejman Ghanouni, Casey H. Halpern, Jaimie M. Henderson, Diane S. Huss, Maged Goubran, Christian Thaler, Raag Airan, Michael Zeineh, Kim Butts Pauly, Jennifer A. McNab, Diffusion MRI tractography for improved transcranial MRI-guided focused ultrasound thalamotomy targeting for essential tremor. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynicl(2017), doi:10.1016/j.nicl.2018.05.010

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

Diffusion MRI Tractography for Improved Transcranial MRI-guided Focused Ultrasound

Thalamotomy Targeting for Essential Tremor

Qiyuan Tian^{1, 2*}, Max Wintermark², W. Jeffrey Elias³, Pejman Ghanouni², Casey H. Halpern⁴, Jaimie M. Henderson⁴, Diane S. Huss⁵, Maged Goubran², Christian Thaler^{2, 6}, Raag Airan², Michael Zeineh², Kim Butts Pauly^{1, 2}, Jennifer A. McNab²

¹Department of Electrical Engineering, Stanford University, Stanford, California, United States.

²Department of Radiology, Stanford University, Stanford, California, United States.

³Department of Neurosurgery, University of Virginia, Charlottesville, Virginia, United States.

⁴Department of Neurosurgery, Stanford University, Stanford, California, United States.

⁵Department of Physical Therapy, University of Virginia, Charlottesville, Virginia, United States.

⁶Department of Diagnostic and Interventional Neuroradiology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.

*Correspondence to: Qiyuan Tian, Ph. D., Departments of Electrical Engineering and Radiology, Stanford University, Richard M. Lucas Center for Imaging, 1201 Welch Road, Stanford, California, USA, 94305. E-mail: qytian@stanford.edu

Download English Version:

https://daneshyari.com/en/article/8687716

Download Persian Version:

https://daneshyari.com/article/8687716

<u>Daneshyari.com</u>