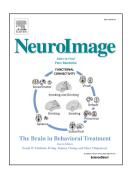
Accepted Manuscript

Seizure epicenter depth and translaminar field potential synchrony underlie complex variations in tissue oxygenation during ictal initiation

Samuel S. Harris, Luke W. Boorman, Aneurin J. Kennerley, Paul S. Sharp, Chris Martin, Peter Redgrave, Theodore H. Schwartz, Jason Berwick



PII: \$1053-8119(17)31112-6

DOI: 10.1016/j.neuroimage.2017.12.088

Reference: YNIMG 14603

To appear in: NeuroImage

Received Date: 6 August 2017

Revised Date: 1 December 2017 Accepted Date: 27 December 2017

Please cite this article as: Harris, S.S., Boorman, L.W., Kennerley, A.J., Sharp, P.S., Martin, C., Redgrave, P., Schwartz, T.H., Berwick, J., Seizure epicenter depth and translaminar field potential synchrony underlie complex variations in tissue oxygenation during ictal initiation, *NeuroImage* (2018), doi: 10.1016/j.neuroimage.2017.12.088.

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: Seizure epicenter depth and translaminar field potential synchrony underlie complex variations in tissue oxygenation during ictal initiation.

Running title: Neurovascular and oxygenation dynamics during recurrent acute seizures.

Authors and affiliations: Samuel S. Harris^a, Luke W. Boorman^a, Aneurin J. Kennerley^a, Paul S. Sharp^a, Chris Martin^a, Peter Redgrave^a, Theodore H. Schwartz^b, Jason Berwick^a

^aDepartment of Psychology, Neurovascular and Neuroimaging Research Group, University of Sheffield, Sheffield, S10 2TN, UK.

^bDepartment of Neurological Surgery, Brain and Mind Research Institute, Brain and Spine Center, Weill Cornell Medical College, New York Presbyterian Hospital, 525 East 68th Street, Box 99, New York, New York 10021, USA.

Corresponding author: Dr Samuel S. Harris, Department of Psychology, Neurovascular and Neuroimaging Research Group, University of Sheffield, Sheffield, S10 2TN, UK. Tel: (+44) 0114 2226554, Fax: (+44) 0114 2766515, Email: sam.harris@sheffield.ac.uk.

Download English Version:

https://daneshyari.com/en/article/8687096

Download Persian Version:

https://daneshyari.com/article/8687096

<u>Daneshyari.com</u>