## Accepted Manuscript

Diffuse gliomas exhibit whole brain impaired cerebrovascular reactivity



Jorn Fierstra, Christiaan van Niftrik, Marco Piccirelli, Oliver Bozinov, Athina Pangalu, Niklaus Krayenbühl, Antonios Valavanis, Michael Weller, Luca Regli

S0730-725X(17)30210-2
doi:10.1016/j.mri.2017.09.017
MRI 8843
14 August 2017
25 September 2017
27 September 2017

Please cite this article as: Jorn Fierstra, Christiaan van Niftrik, Marco Piccirelli, Oliver Bozinov, Athina Pangalu, Niklaus Krayenbühl, Antonios Valavanis, Michael Weller, Luca Regli, Diffuse gliomas exhibit whole brain impaired cerebrovascular reactivity. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Mri(2017), doi:10.1016/j.mri.2017.09.017

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: Diffuse gliomas exhibit whole brain impaired cerebrovascular reactivity

Running Title: Diffuse gliomas exhibit impaired CVR

Authors: Jorn Fierstra, MD PhD<sup>1</sup>; Christiaan van Niftrik, MD<sup>1</sup>; Marco Piccirelli, PhD<sup>2</sup>; Oliver Bozinov, MD<sup>1</sup>; Athina Pangalu, MD<sup>2</sup>; Niklaus Krayenbühl, MD<sup>1</sup>; Antonios Valavanis, MD<sup>2</sup>; Michael Weller, MD<sup>3</sup>; Luca Regli MD<sup>1</sup>

**Affiliations:** Departments of Neurosurgery<sup>1</sup>, Neuroradiology<sup>2</sup>, and Neurology<sup>3</sup>, Clinical Neuroscience Center, University Hospital Zurich, University of Zurich, Switzerland

## **Corresponding author**

Jorn Fierstra, MD PhD

Department of Neurosurgery, University Hospital Zurich

Frauenklinikstrasse 10, 8091 Zurich, Switzerland

Phone: +41-44-2551111, Fax: +41-44-2554505 E-mail: jorn.fierstra@usz.ch

Keywords: fMRI, BOLD, diffuse glioma, cerebrovascular reactivity, carbon dioxide

Download English Version:

## https://daneshyari.com/en/article/5491371

Download Persian Version:

https://daneshyari.com/article/5491371

Daneshyari.com