### Accepted Manuscript

Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach

Carlos A. Sánchez-Catasús, Gretel Sanabria-Diaz, Antoon Willemsen, Edurado Martinez-Montes, Juan Samper-Noa, Angel Aguila-Ruiz, Ronald Boellaard, Peter De Deyn, Rudi A.J.O. Dierckx, Lester Melie-Garciac



PII:	S2213-1582(17)30096-7
DOI:	doi: 10.1016/j.nicl.2017.04.019
Reference:	YNICL 1004
To appear in:	NeuroImage: Clinical
Received date:	1 September 2016
Revised date:	10 March 2017
Accepted date:	19 April 2017

Please cite this article as: Carlos A. Sánchez-Catasús, Gretel Sanabria-Diaz, Antoon Willemsen, Edurado Martinez-Montes, Juan Samper-Noa, Angel Aguila-Ruiz, Ronald Boellaard, Peter De Deyn, Rudi A.J.O. Dierckx, Lester Melie-Garciac, Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynicl(2017), doi: 10.1016/j.nicl.2017.04.019

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**

# Subtle alterations in cerebrovascular reactivity in mild cognitive impairment detected by graph theoretical analysis and not by the standard approach

Carlos A. Sánchez-Catasús<sup>a, b</sup>, Gretel Sanabria-Diaz<sup>c,d</sup>, Antoon Willemsen<sup>a</sup>, Edurado Martinez-Montes<sup>d</sup>, Juan Samper-Noa<sup>d,e</sup>, Angel Aguila-Ruiz<sup>b</sup>, Ronald Boellaard<sup>a</sup>, Peter De Deyn<sup>f</sup>, Rudi A. J. O. Dierckx<sup>a</sup>, Lester Melie-Garciac<sup>c,d</sup>

<sup>a</sup>Department of Nuclear Medicine and Molecular Imaging, University of Groningen, University Medical Center Groningen, the Netherlands.

<sup>b</sup>Department of Nuclear Medicine, Center for Neurological Restoration (CIREN), Havana, Cuba. <sup>c</sup>Laboratoire de Recherche en Neuroimagerie (LREN), Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, Switzerland.

<sup>d</sup>Neuroinformatics Department, Cuban Neuroscience Center, Havana, Cuba.

<sup>e</sup>Hospital Carlos J. Finlay, Havana, Cuba.

<sup>f</sup>Department of Neurology and Alzheimer Research Center, University of Groningen, University Medical Center Groningen, the Netherlands.

#### Corresponding Author:

Carlos Alfredo Sánchez-Catasús, University Medical Center Groningen, Department of Nuclear Medicine and Molecular Imaging. Hanzeplein 1, 9713 GZ Groningen, the Netherlands. Fax number: (+31) 50 – 361 16 87; Telephone number: (+31) 50 – 361 22 05; e-mail address: c.a.sanchez.catasus@umcg.nl

Download English Version:

## https://daneshyari.com/en/article/8688400

Download Persian Version:

https://daneshyari.com/article/8688400

Daneshyari.com