

Accepted Manuscript

High-resolution in vivo imaging of human locus coeruleus by Magnetization Transfer MRI at 3T and 7T

Nikos Priovoulos, Heidi I.L. Jacobs, Dimo Ivanov, Kamil Uludag, Frans R.J. Verhey, Benedikt A. Poser



PII: S1053-8119(17)30613-4

DOI: [10.1016/j.neuroimage.2017.07.045](https://doi.org/10.1016/j.neuroimage.2017.07.045)

Reference: YNIMG 14210

To appear in: *NeuroImage*

Received Date: 9 December 2016

Revised Date: 19 July 2017

Accepted Date: 20 July 2017

Please cite this article as: Priovoulos, N., Jacobs, H.I.L., Ivanov, D., Uludag, K., Verhey, F.R.J., Poser, B.A., High-resolution in vivo imaging of human locus coeruleus by Magnetization Transfer MRI at 3T and 7T, *NeuroImage* (2017), doi: 10.1016/j.neuroimage.2017.07.045.

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.

Title:

“High-resolution in vivo imaging of human locus coeruleus by Magnetization Transfer MRI at 3T and 7T”

Author names and affiliations:

Nikos Priovoulos^{a*}, Heidi IL Jacobs^{a,b,c}, Dimo Ivanov^b, Kamil Uludag^b, Frans RJ Verhey^a, Benedikt A Poser^b

^a Alzheimer Center Limburg, School for Mental Health and Neuroscience, Faculty of Health, Medicine and Life Sciences, Maastricht University, Maastricht, The Netherlands.

^b Department of Cognitive Neuroscience, Faculty of Psychology and Neuroscience, Maastricht University, Maastricht, The Netherlands.

^c Department of Radiology, Division of Nuclear Medicine and Molecular Imaging, Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA

***Corresponding author:**

Nikos Priovoulos, MSc

Address: Alzheimer Center Limburg, Department of Psychiatry and Neuropsychology, UNS40 box 34, P.O. Box 616, 6200 MD Maastricht

Email: nikos.priovoulos@maastrichtuniversity.nl

Phone: +31 43 3881041

Running title:

“In vivo imaging of locus coeruleus at 3T and 7T”

The body of the text contains 5371 words (with 2159 additional words in references)

Keywords:

Download English Version:

<https://daneshyari.com/en/article/8687250>

Download Persian Version:

<https://daneshyari.com/article/8687250>

[Daneshyari.com](https://daneshyari.com)