

Accepted Manuscript

Parkinson's disease related signal change in the nigrosomes 1–5 and the substantia nigra using T2* weighted 7T MRI

Stefan Theodor Schwarz, Olivier Mougin, Yue Xing, Anna Blazejewska, Nin Bajaj, Dorothee P. Auer, Penny Gowland



PII: S2213-1582(18)30173-6
DOI: doi:[10.1016/j.nicl.2018.05.027](https://doi.org/10.1016/j.nicl.2018.05.027)
Reference: YNICKL 1425
To appear in: *NeuroImage: Clinical*
Received date: 12 September 2017
Revised date: 24 April 2018
Accepted date: 20 May 2018

Please cite this article as: Stefan Theodor Schwarz, Olivier Mougin, Yue Xing, Anna Blazejewska, Nin Bajaj, Dorothee P. Auer, Penny Gowland , Parkinson's disease related signal change in the nigrosomes 1–5 and the substantia nigra using T2* weighted 7T MRI. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Ynickl(2017), doi:[10.1016/j.nicl.2018.05.027](https://doi.org/10.1016/j.nicl.2018.05.027)

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 Page

Parkinson's disease related signal change in the nigrosomes 1-5 and the substantia nigra using T2* weighted 7T MRI.

^{1,2,4,5} Stefan Theodor Schwarz, PhD

² Olivier Mougin, PhD

^{1,2} Yue Xing, PhD

² Anna Blazejewska, PhD

³ Nin Bajaj, PhD

^{1,2,6} Dorothee P Auer, PhD

² Penny Gowland, PhD

¹ Radiological Sciences, Division of Clinical Neuroscience, School of Medicine, University of Nottingham, Queen's Medical Centre, Nottingham, UK

² Sir Peter Mansfield Imaging Centre, University of Nottingham, Nottingham, UK

³ Department of Neurology, Queen's Medical Centre, Nottingham University Hospitals, Nottingham, UK

⁴ Department of Radiology, Cardiff and Vale University Health Board, Cardiff, UK

⁵ Cardiff University Brain Research Imaging Centre (CUBRIC), University of Cardiff, Cardiff, UK

Download English Version:

<https://daneshyari.com/en/article/8687743>

Download Persian Version:

<https://daneshyari.com/article/8687743>

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