Accepted Manuscript

Different iron deposition patterns in early- and middle-late-onset Parkinson's disease

Min Xuan, Xiaojun Guan, Quanquan Gu, Zhujing Shen, Xinfeng Yu, Tiantian Qiu, Xiao Luo, Ruirui Song, Yerfan Jiaerken, Xiaojun Xu, Peiyu Huang, Wei Luo, Minming Zhang



PII: \$1353-8020(17)30293-6

DOI: 10.1016/j.parkreldis.2017.08.013

Reference: PRD 3392

To appear in: Parkinsonism and Related Disorders

Received Date: 10 October 2016
Revised Date: 22 January 2017
Accepted Date: 8 August 2017

Please cite this article as: Xuan M, Guan X, Gu Q, Shen Z, Yu X, Qiu T, Luo X, Song R, Jiaerken Y, Xu X, Huang P, Luo W, Zhang M, Different iron deposition patterns in early- and middle-late-onset Parkinson's disease, *Parkinsonism and Related Disorders* (2017), doi: 10.1016/j.parkreldis.2017.08.013.

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: Different iron deposition patterns in early- and middle-late-onset Parkinson's disease

Author names and affiliations:

Min Xuan ¹, Xiaojun Guan ¹, Quanquan Gu ¹, Zhujing Shen ¹, Xinfeng Yu ¹, Tiantian Qiu¹, Xiao

Luo¹, Ruirui Song¹, Yerfan Jiaerken¹, Xiaojun Xu¹, Peiyu Huang¹, Wei Luo² and Minming Zhang¹

¹ Department of Radiology, Second Affiliated Hospital, School of Medicine, Zhejiang University,

Hangzhou, 310000, Zhejiang, China

² Department of Neurology, Second Affiliated Hospital, School of Medicine, Zhejiang University,

Hangzhou, 310000, Zhejiang, China

Corresponding author:

Minming Zhang

Department of Radiology, Second Affiliated Hospital, School of Medicine, Zhejiang University,

Hangzhou, 310000, Zhejiang, China

Tel: 00-86-571-87315255

E-Mail: zhangminming@zju.edu.cr

Fax: 00-86-571-87315255

Abstract

Background Iron deposition may contribute to the clinical symptoms in Parkinson's disease

(PD). With partial different clinical manifestations, the iron deposition patterns between

patients with early-onset Parkinson's disease (EOPD) and middle-late-onset Parkinson's disease

(M-LOPD) are still unclear. This study was designed to investigate the patterns of iron deposition

and their clinical relevance in EOPD and M-LOPD patients, using quantitative susceptibility

Download English Version:

https://daneshyari.com/en/article/8285714

Download Persian Version:

https://daneshyari.com/article/8285714

<u>Daneshyari.com</u>