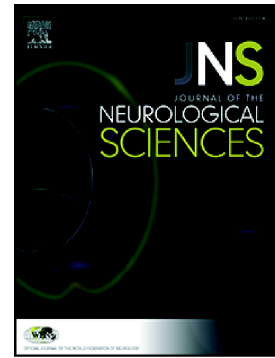


Accepted Manuscript

Progressive spasticity, supranuclear gaze palsy and postural instability, without parkinsonism: what's in a phenotype?

L. Ricciardi, M.J. Edwards, A. Fasano, K.P. Bhatia, M. Stamelou



PII: S0022-510X(18)30185-0
DOI: [doi:10.1016/j.jns.2018.04.016](https://doi.org/10.1016/j.jns.2018.04.016)
Reference: JNS 15865

To appear in: *Journal of the Neurological Sciences*

Received date: 13 October 2017
Revised date: 19 March 2018
Accepted date: 10 April 2018

Please cite this article as: L. Ricciardi, M.J. Edwards, A. Fasano, K.P. Bhatia, M. Stamelou, Progressive spasticity, supranuclear gaze palsy and postural instability, without parkinsonism: what's in a phenotype?. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Jns*(2018), doi:[10.1016/j.jns.2018.04.016](https://doi.org/10.1016/j.jns.2018.04.016)

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.

Progressive spasticity, supranuclear gaze palsy and postural instability, without parkinsonism: what's in a phenotype?

Ricciardi L,¹ Edwards MJ,^{1,2} Fasano A,^{3,4} Bhatia KP,² Stamelou M^{2,5,6}

¹ Neurosciences Research Centre, Institute of Molecular and Clinical Sciences, St George's University of London, United Kingdom

² Sobell Department of Motor Neuroscience and Movement Disorders, UCL Institute of Neurology, London, WC1N 3BG, United Kingdom

³ Morton and Gloria Shulman Movement Disorders Clinic and the Edmond J. Safra Program in Parkinson's Disease, Toronto Western Hospital, UHN, Division of Neurology, University of Toronto, Toronto, Ontario, Canada,

⁴ Krembil Research Institute, Toronto, Ontario, Canada

⁵ Movement Disorders Department, HYGEIA Hospital, Athens, Greece

⁶ Neurology Clinic, Philipps-University, Marburg, Germany

Address correspondence to: Prof. Maria Stamelou, Parkinson's disease and Movement Disorders Department, HYGEIA Hospital, Erythrou Stavrou 9, 15123, Athens, Greece, Tel. 0030 210 6867330, email: mstamelou@hygeia.gr

Download English Version:

<https://daneshyari.com/en/article/8272738>

Download Persian Version:

<https://daneshyari.com/article/8272738>

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