Levodopa Effect and Motor Function in Late Stage Parkinson's Disease - IOS Press



https://content.iospress.com/articles/journal-of-parkinsons-disease/jpd171181[7/31/2020 3:38:33 PM]

Levodopa Effect and Motor Function in Late Stage Parkinson's Disease - IOS Press

UPDRS III score improved with \geq 15% in 15 (50%) and with \geq 30% in six (20%) participants during the L-dopa test. The median (q1–q3) UPDRS III score in "off" was 46 (37–53) and in "on" 36 (28–46). Twenty-one (70%) of the participants reported either predictable or unpredictable "off" fluctuations (items 36–37). The prevalence of dyskinesias (item 32, duration of dyskinesias \geq 1) was 47%. The PKG indicated that dyskinesias primarily were mild and that a majority had a pronounced "off" symptomatology, spending a large proportion of the day either asleep or very inactive. Conclusions:Half of a group of patients with late stage PD had an L-dopa response of \geq 15% on the UPDRS III. According to the UPDRS IV, a majority of the patients had motor fluctuations and about half had dyskinesias, although the PKG results suggested that these were not very severe.

Keywords: Parkinson's disease, levodopa, levodopa test, late stage, motor complications, fluctuations, dyskinesias

DOI: 10.3233/JPD-171181

Journal: Journal of Parkinson's Disease, vol. 8, no. 1, pp. 59-70, 2018

Accepted 21 October 2017 | Published: 17 February 2018

Price: EUR 27.50 Add to

We recommend

Automated Assessment of Bradykinesia and Dyskinesia in Parkinson's Disease

Griffiths et al., Journal of Parkinson's Disease, 2012

Conversion of L-dopa to Extended Release L-dopa (Rytary ®) in Patients with Fluctuating Parkinson's Disease: Predictor's of Dose

Ondo et al., Journal of Parkinson's Disease, 2018

Long-Term Efficacy of Safinamide on Symptoms Severity and Quality of Life in Fluctuating Parkinson's Disease Patients

Cattaneo et al., Journal of Parkinson's Disease, 2019

Long Term Response to Levodopa in Parkinson's Disease

Gupta et al., Journal of Parkinson's Disease, 2019

Dopaminergic Effect on Non-Motor Symptoms in Late Stage Parkinson's Disease

Rosqvist et al., Journal of Parkinson's Disease, 2018

Modulation by Trace Amine-Associated Receptor 1 of Experimental Parkinsonism, I-DOPA Responsivity, and Glutamatergic Neurotransmission Alexandra Alvarsson et al., JNeurosci, 2015

The Role of Primary Motor Cortex (M1) Glutamate and GABA Signaling in I-DOPA-Induced Dyskinesia in

Parkinsonian Rats 🗹 David Lindenbach et al., JNeurosci, 2016

Automatic Online Motor Control Is Intact in Parkinson's Disease With and Without Perceptual Awareness 🗹

Kate E. Merritt et al., eNeuro, 2017

NantHealth Q2 Revenues Grow 17 Percent staff reporter, 360Dx, 2019

Erratum to: Functional implications of microbial and viral gut metagenome changes in early stage L-DOPA-naïve Parkinson's disease patients

J. R. Bedarf et al., Genome Med, 2017

Powered by



Administrator log in

Shibboleth log in

Journals

Help

About us

Contact us

Terms & conditions

Privacy policy

Copyright ©2020 IOS Press All rights reserved.

Join our network:

Twitter
Facebool
LinkedIn

RSS feed

North America

IOS Press, Inc. 6751 Tepper Drive Clifton, VA 20124 USA

Tel: +1 703 830 6300

Europe

IOS Press Nieuwe Hemweg 6B 1013 BG Amsterdam The Netherlands

Tel: +31 20 688 3355

Asia

Inspirees International (China Office) Ciyunsi Beili 207(CapitaLand), Bld 1, 7-901 100025, Beijing China

https://content.iospress.com/articles/journal-of-parkinsons-disease/jpd171181[7/31/2020 3:38:33 PM]

Levodopa Effect and Motor Function in Late Stage Parkinson's Disease - IOS Press

Fax: +1 703 830 2300 sales@iospress.com

For editorial issues, like the status of your submitted paper or proposals, write to editorial@iospress.nl

Fax: +31 20 687 0091 info@iospress.nl

For editorial issues, permissions, book requests, submissions and proceedings, contact the Amsterdam office info@iospress.nl Free service line: 400 661 8717 Fax: +86 10 8446 7947 china@iospress.cn

For editorial issues, like the status of your submitted paper or proposals, write to **editorial@iospress.nl**

如果您在出版方面需要帮助或有任何建,件至:editorial@iospress.nl



Impacting the world of science, Books & Journals, Online & Print

Built on the Scolaris platform by: **Semantico**