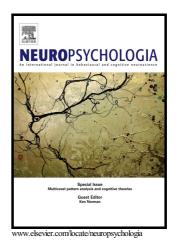
Author's Accepted Manuscript

Dopamine and temporal attention: An attentional blink study in Parkinson's disease patients on and off medication

H.A. Slagter, N.C. van Wouwe, K. Kanoff, R.P.P.P. Grasman, D.O. Claassen, W.P.M. van den Wildenberg, S.A. Wylie



 PII:
 S0028-3932(16)30343-8

 DOI:
 http://dx.doi.org/10.1016/j.neuropsychologia.2016.09.006

 Reference:
 NSY6128

To appear in: Neuropsychologia

Received date: 18 January 2016 Revised date: 16 June 2016 Accepted date: 5 September 2016

Cite this article as: H.A. Slagter, N.C. van Wouwe, K. Kanoff, R.P.P.P. Grasman, D.O. Claassen, W.P.M. van den Wildenberg and S.A. Wylie, Dopamine and temporal attention: An attentional blink study in Parkinson' disease patients on and off medication, *Neuropsychologia*. http://dx.doi.org/10.1016/j.neuropsychologia.2016.09.006

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

ACCEPTED MANUSCRIPT

Dopamine and temporal attention: An attentional blink study in Parkinson's disease patients on and off medication

Slagter, H.A.^{1,2,*}, van Wouwe, N.C.³, Kanoff, K.³, Grasman R.P.P.P.¹,

Claassen, D.O.³, van den Wildenberg, W.P.M.^{1,2}, & Wylie S.A.³

¹ Department of Psychology, University of Amsterdam, Amsterdam, the Netherlands

 2 Amsterdam Brain and Cognition (ABC), University of Amsterdam, Amsterdam, the Netherlands

³ Department of Neurology, Vanderbilt University Medical Center, TN, USA

* To whom correspondance should be addressed: Email: h.a.slagter@uva.nl; Phone: +31 20 5256807; Fax: +31 20 5256809.

US

Highlights

- We examined the effect of dopaminergic medication on temporal attention
- Parkinson patients had to detect two temporally-close targets on and off medication
- L-DOPA modulated second target perception based on baseline performance
- Dopamine may play a role in temporal attention

Accel

• L-DOPA and DA agonists have separate effects on cognitive functioning

Download English Version:

https://daneshyari.com/en/article/7318630

Download Persian Version:

https://daneshyari.com/article/7318630

Daneshyari.com