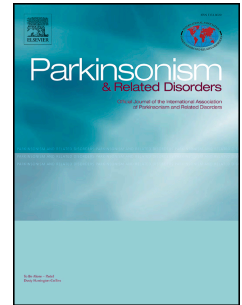


# Accepted Manuscript

High prevalence of olfactory dysfunction in cervical dystonia

Milena Marek, Susanne Linnepe, Christine Klein, Thomas Hummel, Sebastian Paus



PII: S1353-8020(18)30216-5

DOI: [10.1016/j.parkreldis.2018.04.028](https://doi.org/10.1016/j.parkreldis.2018.04.028)

Reference: PRD 3650

To appear in: *Parkinsonism and Related Disorders*

Received Date: 26 February 2018

Revised Date: 12 April 2018

Accepted Date: 24 April 2018

Please cite this article as: Marek M, Linnepe S, Klein C, Hummel T, Paus S, High prevalence of olfactory dysfunction in cervical dystonia, *Parkinsonism and Related Disorders* (2018), doi: 10.1016/j.parkreldis.2018.04.028.

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.

**High prevalence of olfactory dysfunction in cervical dystonia**

Authors: Milena Marek<sup>1</sup>, Susanne Linnepe<sup>1</sup>, Christine Klein<sup>2</sup>, Thomas Hummel<sup>3</sup>, Sebastian Paus<sup>1</sup>

<sup>1</sup> Department of Neurology, University of Bonn, Bonn, Germany

<sup>2</sup> Institute of Neurogenetics and Department of Neurology, University of Lübeck, Lübeck, Germany

<sup>3</sup> Smell & Taste Clinic, Department of Otorhinolaryngology, TU Dresden, Dresden, Germany

Corresponding author:

Milena Marek

Department of Neurology

University of Bonn

Sigmund-Freud-Straße 25

53127 Bonn

Germany

Phone +49 228 287 15712

Fax +49 228 287 11511

E-mail milena.marek@gmx.de

Conflicts of interests:

Milena Marek: Mrs. Marek received honoraria for speaking and travel grants from Ipsen Pharma and Merz Pharmaceuticals.

Susanne Linnepe: nothing to declare.

Christine Klein: Dr. Klein consulted as medical advisor to Centogene and received honoraria for speaking from Biogen Idec, Wellcome Trust Review Board, was on the scientific advisory board of the Else Kroener Fresenius Foundation, received grants from The Hermann and Lilly Schilling Foundation, German Research Foundation, BMBF, the European Community and University of Luebeck, and received royalties from the Oxford University Press.

Download English Version:

<https://daneshyari.com/en/article/8955913>

Download Persian Version:

<https://daneshyari.com/article/8955913>

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