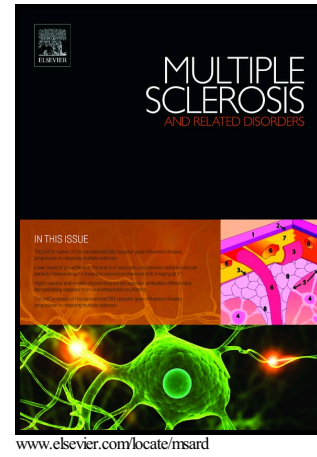


OLFACTORY DYSFUNCTION IN MULTIPLE SCLEROSIS

Arife Çimen Atalar, Yüksel Erdal, Betül Tekin,
Muhammed Yıldız, Özlem Akdoğan, Ufuk Emre



PII: S2211-0348(18)30084-1
DOI: <https://doi.org/10.1016/j.msard.2018.02.032>
Reference: MSARD795

To appear in: *Multiple Sclerosis and Related Disorders*

Received date: 31 October 2017
Revised date: 21 February 2018
Accepted date: 27 February 2018

Cite this article as: Arife Çimen Atalar, Yüksel Erdal, Betül Tekin, Muhammed Yıldız, Özlem Akdoğan and Ufuk Emre, OLFACTORY DYSFUNCTION IN MULTIPLE SCLEROSIS, *Multiple Sclerosis and Related Disorders*, <https://doi.org/10.1016/j.msard.2018.02.032>

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 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.

OLFACTORY DYSFUNCTION IN MULTIPLE SCLEROSIS

Arife Çimen Atalar¹, Yüksel Erdal¹, Betül Tekin², Muhammed Yıldız³, Özlem Akdoğan¹, Ufuk Emre¹

¹ Neurology Department, Istanbul Education and Research Hospital

² Rumeli Hospital Neurology Clinic

³ Otorhinolaryngology Department, Istanbul Education and Research Hospital

Corresponding Author: Arife Çimen Atalar

Address for Correspondence: Istanbul Education and Research Hospital Neurology Department, Istanbul, Turkey.

Tel.: +902124596000

E-mail: cimenatalar@yahoo.com.tr

E-mail addresses: Yüksel Erdal: erdalyuksel_355@hotmail.com; Betül Tekin: betultekin2013@gmail.com; Muhammed Yıldız: dr_yildiz_muhammet@hotmail.com; Özlem Akdoğan: drozlemakdogan@gmail.com; Ufuk Emre: ufuemr@gmail.com

HIGHLIGHTS

- Olfactory dysfunction is one of the clinical manifestations of multiple sclerosis and is usually underdiagnosed.
- Olfaction may be affected, especially in the early stages of multiple sclerosis.
- Frequent attacks and longer duration of disease were inversely correlated with olfactory test scores/subscores.
- Smell identification and smell threshold scores were higher in patients with higher Montreal Cognitive Assessment scores.
- The Expanded Disability Status Scale had no significant effect on olfactory test scores.

ABSTRACT

Background: Multiple sclerosis (MS) is a common chronic neurological disease that causes disability. MS can have various clinical manifestations, one of which is olfactory dysfunction. In clinical practice, olfactory disturbances are usually underdiagnosed. The aim of our study is to assess olfactory function and its relationship with MS disease duration, disability and cognition.

Download English Version:

<https://daneshyari.com/en/article/8647474>

Download Persian Version:

<https://daneshyari.com/article/8647474>

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