



International Journal of Central Nervous System Disease
(DOI:10.28933/IJCNSD)



Olfactory Dysfunction Related to Parkinson Evil

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ABSTRACT

Introduction: Parkinson's disease (PD) is a neurodegenerative disease that installs progressively and usually manifests itself in individuals around 60 years of age. Identifying the presence of olfactory dysfunction may enable early treatment and delay the onset of motor symptoms. **Objective:** To relate the diagnosis of olfaction dysfunction with the delay of the appearance of other symptoms of Parkinson's Disease. **Methodology:** Review the BVL and SciELO databases using the descriptors "Parkinson" and "Smell" and applying the inclusion criteria: articles available on human studies in the period between 2012 and 2017. **Results and Discussion:** The main symptoms associated with PD are motor (tremors, stiffness, postural instability). However, PD is a multifactorial pathology, and there may even be olfactory dysfunction. This situation is worrying because it can reduce the patient's quality of life. Through the smell it is possible to avoid the ingestion of toxic foods, besides the fact that the olfaction is always associated with the sense of taste, the palate. Olfactory dysfunction does not always occur in PD patients, but, when present, it is one of the initial symptoms, and may occur even a few years before motor manifestations. Therefore, it would be possible to initiate an early treatment to delay the appearance of other symptoms, considering that PD is still incurable. **Conclusion:** The use of olfaction tests is essential to identify risk groups for PD and is economically viable. Thus, the routine implementation of these tests is of great relevance as a way to delay the onset of motor symptoms of PD and to promote the improvement patients's quality of life.

Keywords: Parkinson's disease; Smell; Smell test

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How to cite this article:

Inácio, M.L.G.T; Inácio, A.V.G.T; Araújo, M.L.S; Maia, L.M.S.S. Olfactory Dysfunction Related to Parkinson Evil. International Journal of Central Nervous System Disease, 2018, 1:3



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