

Parkinson's disease

Parkinson's disease is one of Lundbeck's focus disease areas, and is a chronic progressive neurodegenerative disorder, characterized by the presence of predominantly motor symptoms (resting tremor, rigidity, bradykinesia and postural instability). It is also associated with a diversity of non-motor symptoms.¹ Motor symptoms are caused by the degeneration of dopamine-producing cells in the brain.²

Approximately

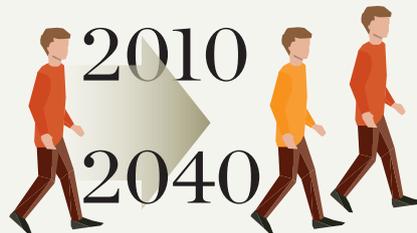
6



million

patients worldwide are estimated to be affected by Parkinson's disease.³

The prevalence of Parkinson's disease in the US will double by the year of 2040 (compared to 2010).⁵

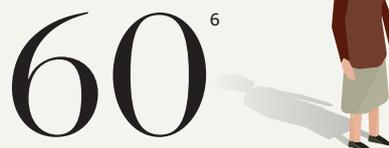


Parkinson's disease usually develops in people in their late



60s⁴

Parkinson's disease affects 1% of the population over the age of



1) World Health Organization. Neurological Disorders: Public Health Challenges. 2006. (http://www.who.int/mental_health/publications/neurological_disorders_ph_challenges/en/)

2) Schapira AHV The management of Parkinson's disease - what is new? Eur J Neurol 2011;18(Suppl 1):12.

3) GBD 2016 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet 2017; 390: 1211–59.



Parkinson's disease is the second most common

neuro- degenerative disorder³

Non-motor features accompany all stages of Parkinson's disease and substantially impact patients' quality of life e.g.

sudden drop in blood pressure when standing, mood disorders, sensory problems, sleep disorders, sensory problems, loss of sense of smell, constipation and cognitive issues

e.g. memory difficulties, slowed thinking, confusion and in some cases dementia.^{7,8}

4) Weintraub D, Comella CL, Horn S. Parkinson's disease-Part 1: Pathophysiology, symptoms, burden, diagnosis, and assessment. Am J Manag Care. 2008; 14(2 Suppl):S40-8.

5) Kowal SL, Dall TM, Chakrabarti R, et al. The current and projected economic burden of Parkinson's disease in the United States. Mov Disord 2013; 28 (3): 311–318.

6) Tysnes & Storstein. Epidemiology of Parkinson's disease. J Neural Transm 2017;124:901-905.

7) Chaudhuri KR, Ondo W. Handbook of Movement Disorders. London: Current Medicine Group, 2009.

8) Goldman JG, Postuma R. Premotor and nonmotor features of Parkinson's disease. Curr Opin Neurol 2014; 27 (4): 434-441.