

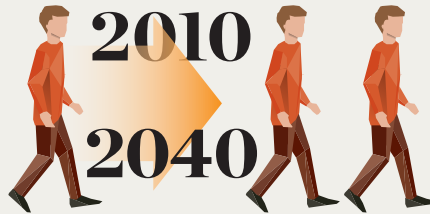
# PARKINSON'S DISEASE

Approximately

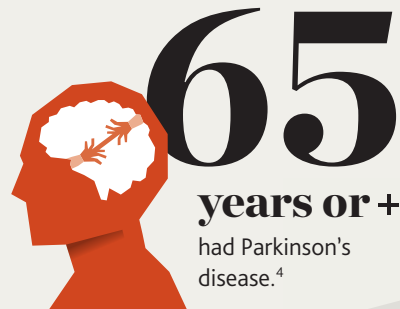
**6**  
million

patients worldwide are estimated to be affected by Parkinson's disease.<sup>2</sup>

The prevalence of Parkinson's disease in US will double by the year of 2040 (compared to 2010).<sup>3</sup>



A study of five European countries found that 1.6% of the population aged



Parkinson's is one of Lundbeck's key focus disease areas. Parkinson's disease is a progressive, degenerative disorder characterized by resting tremor, muscular rigidity, bradykinesia and postural instability. The motor symptoms are caused by the degeneration of dopamine-producing cells in the brain.<sup>1</sup>

Parkinson's disease is the second most common

**neuro-  
degenerative  
disorder**<sup>2</sup>

Many Parkinson's disease patients also suffer from disease related non-motor symptoms e.g.

**low blood pressure when standing up, mood disorders, sensory problems, sleep disorders, loss of sense of smell, constipation and cognitive issues**

e.g. memory difficulties, slowed thinking, confusion and in some cases, dementia<sup>5</sup>

Parkinson's disease usually develops in people in their late



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

2) The Global Burden of Disease Study 2015, Lancet.com Published online 8 October, 2016 [http://thelancet.com/pdfs/journals/lancet/PIIS0140-6736\(16\)31678-6.pdf](http://thelancet.com/pdfs/journals/lancet/PIIS0140-6736(16)31678-6.pdf) (December 2016)

3) International Parkinson and Movement Disorder Society <http://onlinelibrary.wiley.com/doi/10.1002/mds.25292/full> (December 2016)

4) de Rijk MC, Tzourio C, Breteler MM, et al. Prevalence of parkinsonism and Parkinson's disease in Europe: the EUROPARKINSON Collaborative Study. European Community Concerted Action on the Epidemiology of Parkinson's disease. J Neurol Neurosurg Psychiatry 1997; 62(1):10-15.

5) [http://www.pdf.org/symptoms\\_nonmotor\\_early](http://www.pdf.org/symptoms_nonmotor_early) (December 2016)

6) 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):S408.

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