

Don't Let Parkinson's Defines Human Life

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Parkinson's disease is a progressive nervous system condition characterized by tremor, muscle stiffness, and mild, imprecise movement, which mainly affects the elderly and adults. It is linked to brain basal ganglia degeneration and neurotransmitter dopamine deficiency.

It has been observed that dopamine – producing cells known as dopaminergic neurons in the substantia nigra part of the brain – has died according to neurological studies to date that showed that dopamine a neurotransmitter in the brain gradually lowered its rate and that contributes to Parkinson's disease. The progressive nervous system condition influences the movement of people, such as speaking, writing, walking and other voluntary activities, using various treatments for Parkinson's disease but still raising the death rate of Parkinson's disease.

The condition of Parkinson is a progressive neurological movement disorder caused by neurodegeneration. Approximately 10 million people worldwide suffer from Parkinson's disease. In 2012, the global prevalence was about 2.18 million cases worldwide where the US market had \$1.15 billion. The Parkinson's disease market in the US is expected to rise from \$1.1 billion in sales in 2012 to \$2.3 billion in 2022 at a rate of 7.3 percent. Treatment market value is expected to rise from \$3.6 billion in 2012 to \$5.3 billion in 2022. The US- has the largest market share for Parkinson's clinical disease of 44% by 2022, which is rising from 32% in 2012, led by Japan, Brazil and Germany with 13%, 11% and 10%. Approximately 1 million people in the US have Parkinson's disease, 60,000 of which have been diagnosed annually. Around 127,000 people suffer from PD in the United Kingdom. Male has 50% higher risk than females, but 4 to 5% of patient cases are younger than 40 years and it is known as Parkinson's disease Young-onset.

Major Associations around the globe:

National Parkinson Foundation
American Parkinson Disease Association (APDA)
Parkinson's disease Foundation
Movement Disorder Society of Australia
Parkinson's Unity Walk
Movement Disorder Society of Japan
Moroccan Neurological Society Movement Disorders Group
Italian Society for the Study of Parkinson Disease, Extraparallel Diseases and Dementia
Ecuador Movement Disorders Group
Austrian Parkinson's Disease Society
Danish Movement Disorder Society
International Parkinson and Movement Disorder Society
Top universities globally working in the field of Parkinson Disease
University of Bath
The University of Queensland
University of Bristol
University of Cambridge
The Imperial College of Science and Medicine
Duke University
University of Milan
Karolinska Institute
University of Hamburg
The University of Edinburgh
University of Munich