

# Living with Parkinson's Disease



**WORLDWIDE CLINICAL TRIALS**  
SCIENTIFICALLY MINDED • MEDICALLY DRIVEN

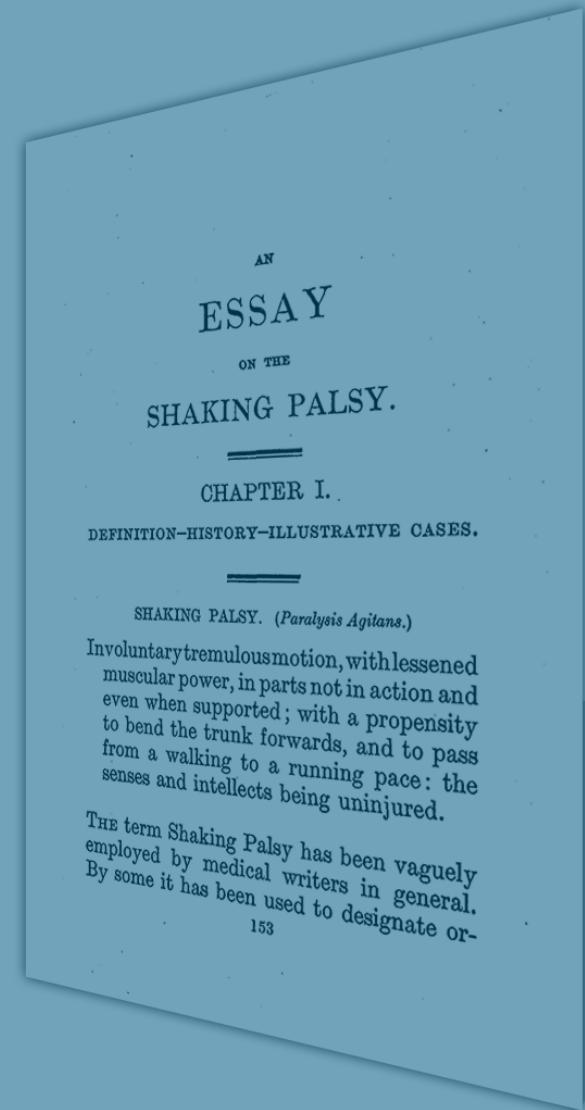
[www.worldwide.com](http://www.worldwide.com)

Dr. James Parkinson's  
"Essay on the Shaking Palsy"  
was published in **1817**.

He observed symptoms of prolonged  
trembling in different parts of the body,  
most notably the hands and arms.



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While most people with Parkinson's are diagnosed after the **age of 60**, the disease can affect anyone over the age of 18.



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Source: <http://www.healthline.com/health/parkinsons/things-you-should-never-say#2>



About **7-10** million people live with Parkinson's disease worldwide.

More than **one million** Americans have Parkinson's, including Michael J. Fox, Muhammad Ali, Linda Ronstadt and Janet Reno.



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Source: <http://www.healthline.com/health/parkinsons/things-you-should-never-say#3>

Muhammad Ali was diagnosed with Parkinson's disease in 1984, at age **42**.

The Muhammad Ali Parkinson Center sees more than **10,000 patients** annually and performs more deep brain stimulation surgeries than any facility in the nation.



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Michael J. Fox was **30 years old** when he was diagnosed with early onset Parkinson's disease in 1991.

In 2000, he launched the Michael J. Fox Foundation for Parkinson's Research.



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Source: <https://www.michaeljfox.org/>

Linda Ronstadt, best-selling solo female performer of the 1970s, was diagnosed in 2013.

“Parkinson's is very hard to diagnose, so when I finally went to a neurologist and he said, ‘Oh, you have Parkinson's disease,’ **I was completely shocked**. I wouldn't have suspected that in a million, billion years.”



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Source: <http://www.musictimes.com/articles/16938/20141122/linda-ronstadt-talks-parkinsons-disease-rare-interview-announcing-diagno>



U.S. Attorney General Janet Reno received her diagnosis in **1995**, and remained steadfast at her post until **2001**.

"The disease affects everybody differently, and **you can't generalize** from one person's experience to someone else's."



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Source: <http://patients.aan.com/resources/neurologynow/>



Up to **60 percent** of people with Parkinson's disease experience mild or moderate depressive symptoms. Research suggests the disease itself causes chemical changes in the brain that may lead to depression.



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Source: [http://www.pdf.org/depression\\_pd](http://www.pdf.org/depression_pd)

The U.S. Food and Drug Administration (FDA) has approved **five medications since 1998** to treat the symptoms of Parkinson's disease.

Drug name	Brand name	Approved For	FDA Approved
carbidopa and levodopa	Duopa	Advanced	2015
carbidopa and levodopa	Rytary	Extended Release	2015
rivastigmine tartrate	Exelon	Moderate to severe	2007
rotigotine	Neupro	Early	2007
tolcapone	Tasmar	All Stages	1998



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Source: <https://www.centerwatch.com/drug-information/fda-approved-drugs/therapeutic-area/10/neurology>



There are several promising drugs in development and testing. There are currently about **400 open clinical studies** related to Parkinson's disease.



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Source: <http://www.clinicaltrials.gov>

Worldwide Clinical Trials' experience in Neurology clinical research is **unrivaled**. Our expertise spans translational medicine, registry and peri-approval studies with pharmaco-economic intent.



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We're helping our drug development partners move toward a **cure** for Parkinson's disease.

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