



جامعة الإمام عبد الرحمن بن فيصل  
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

مستشفى الملك فهد الجامعي  
King Fahad Hospital The University

## What is it Parkinson Disease ?

Parkinson disease is defined as a chronic and progressive neurodegenerative disease.

- Millions of people around the world are affected by it and it is the second most common neurodegenerative disease next to Alzheimer disease.
- The global and local age-standardized prevalence rate of Parkinson disease per 100,000 was 106.28 and 100.6, respectively.
- Its occurrence is less common before the age of 50, but as individuals grow older their risk increases.
- Males carry a greater risk of developing Parkinson disease than females.
- There is no clear cause of the disease, but several genetic and environmental risk factors play a role.

### Non-motor Symptoms.

- Reduced arm swing.
- Decreased blink rate.
- Masked facial expression.
- Decreased voice volume.
- Difficulty turning over in bed.

### Progressive Motor

- Features consist of tremor.
- Rigidity.
- Bradykinesia.
- Postural instability.

The 21st century has witnessed many advancements in research related to Parkinson disease by diagnosing it early and delaying its progression.