**ABSTRACT**

In present-day life, Parkinson's disease is a brain disorder that leads to shaking, stiffness, and difficulty with walking, balance, and coordination. Parkinson's symptoms usually begin gradually and get worse over time. As the disease progresses, people may have difficulty walking and talking.

Accurately detecting Parkinson's disease at an early stage is certainly indispensable for slowing down its progress and providing patients the possibility of accessing to disease-modifying therapy.

Most Parkinson Disease patients suffer from vocal cord disorders.Speech impairment is an early indicator of Parkinson Disease.

Parkinson’s disease is a neurodegenerative disorder of central nervous system that causes partial or full loss of motor reflexes, speech, behavior, mental processing, and other vital functions.

It is generally observed in elderly people and causes disorders in speech and motor abilities of 90% of the patients.

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