



How PD-Monitor works: Readings from the sensors are transmitted to the computer and then analysed by specialist software employing evolutionary algorithms. These algorithms have been trained to recognise patient movements characteristic of tremor and bradykinesia, two important symptoms of Parkinson's disease. The results are then presented on the computer as an easy to interpret display that help the Specialist diagnose and monitor the progression of Parkinson's disease.

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PD-Monitor

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Confirming diagnosis of Parkinson's disease

Diagnosis of Parkinson's disease can be difficult to confirm by conventional clinical assessment alone. PD-Monitor assists the Specialist by measuring symptoms of Parkinson's disease while patients undertake routine clinical tasks.

Small, non-invasive sensors positioned on the finger and thumb measure patients' movements in response to the finger-tapping test, a clinical task in which the patient repeatedly taps the forefinger and thumb of each hand for a period of 10-30 seconds. Symptoms associated with Parkinson's disease such as bradykinesia and tremor are reported to the Specialist in a tablet-based application that can be used to inform diagnosis.