



PARKINSON'S DISEASE NEWS

<http://www.viartis.net/parkinsons.disease/news.htm>

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WEARABLE SENSORS FOR PARKINSON'S DISEASE

The Michael J. Fox Foundation and Intel Corporation are partnering to gather and analyse data from Wrist-worn devices worn by people with Parkinson's Disease that track users' movement. The results could help individuals and their doctors better manage their Parkinson's Disease.

A study was launched earlier this year to evaluate three wearable devices for tracking measurable features of Parkinson's Disease such as slowness and frequency of movement. People with Parkinson's Disease wore the devices during two clinic visits and at home over a few days.



Intel engineers are comparing the data obtained from the devices to clinical observations and patient diaries in order to test the devices' accuracy. They are developing mathematical formulas to measure the symptoms and the progression of Parkinson's Disease. These devices can capture up to 300 observations per second. So formulas to interpret all that data and report what it means related to someone's Parkinson's Disease can help individuals and their physicians monitor disease.

The next phase of the MJFF-Intel study will capture data to measure medication response such as on/off episodes. Recruitment is expected to begin soon in locations including New York City, Boston and Tel Aviv, Israel. The Michael J.Fox Foundation plans to expand their use to other clinical studies. For more information go to :

<https://www.michaeljfox.org/foundation/news-detail.php?watch-yourself-device-data-may-improve-research-and-parkinson-monitoring>

<http://www.viartis.net/parkinsons.disease/news/140814.pdf>

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