

ClearSky[®]

medical diagnostics

LID-Monitor provides an objective measure of dyskinesia over extended time periods and assists the Specialist in prescribing a better-informed course of medication.

A health economic assessment has shown that LID-Monitor will reduce unplanned hospital admissions and consultations, improving the quality of life for Parkinson's disease sufferers and saving the NHS over £84 million per year in England alone.

ClearSky Medical Diagnostics is currently developing a range of medical devices that objectively diagnose, differentiate and monitor a number of neurodegenerative diseases. To find out more about these products please visit our website:



www.clearskymd.com



LID-Monitor

Patent: WO2014009757 A1

Monitoring the side-effects of medication for Parkinson's disease

Many Parkinson's disease patients experience unpleasant side effects with their medication which include involuntary movements called dyskinesia. LID-Monitor offers a safe, simple and unobtrusive way of monitoring dyskinesia in the patient's own home and provides the specialist with the means to adjust the medication to managed side effects more effectively.



The system simply requires the patient to wear up to six small wireless sensors, one on each arm, leg, head and trunk that continually monitor the patient's movements over a 24 hour period in the comfort of their own home.

How LID-Monitor works: Evolutionary algorithms are used to recognise movements associated with dyskinesia and an easy-to-read graphical report is then created which can be sent directly to the Specialist to aid management of the patient's medication.