



Kinesia ONE™ systems may be purchased or leased. For a quote, please contact info@glneurotech.com or call 1-216-361-5410.

The Kinesia ONE motor assessment system is cleared for sale as a medical device in the US, EU, UK, and Australia and can be used in many countries worldwide in clinical trials when labeled for research-use only and approved by an IRB.

The Kinesia ONE motor assessment system is intended to monitor physical motion and muscle activity to quantify kinematics of movement disorder symptoms such as tremor and assess activity in any instance where quantifiable analysis of motion and muscle activity is desired.



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KinesiaTMone

MOTOR ASSESSMENT SYSTEM



CLINICALLY VALIDATED OUTCOMES
FOR IN CLINIC & AT HOME ✓

MEASURE WITH HIGH
SENSITIVITY AND RELIABILITY ✓

REAL-TIME, REMOTE DATA ANALYSIS,
MANAGEMENT & REPORTING ✓

WEARABLE, OBJECTIVE MONITORING OF MOVEMENT DISORDERS

Kinesia™ products are used as outcome measures in **Phase I, II, III and IV** clinical trials.

Kinesia technology is integrated in clinical trials around the globe for Parkinson's disease, essential tremor and other movement disorders. Intelligent remote sensing technology increases sensitivity and reliability of outcome measures, improves efficiency with web applications and expands accessibility.

✓ CLINICAL TRIAL

Services



Protocol Support Integration
 Custom Training Materials
 Custom Site Guides
 Site Training
 Equipment Shipping Logistics
 Cellular Data Management
 Kinesia Web Portal Management
 Data Management
 Study Technical Support

✓ Kinesia ONE OUTCOME MEASURES

for **Parkinson's Disease** and **Essential Tremor**

- Resting Tremor
- Postural Tremor
- Kinetic Tremor
- Bradykinesia
- Dyskinesia
- Gait
- Freezing Of Gait
- Leg Agility

The Kinesia ONE™ motor assessment system provides highly sensitive motor symptom assessment by having the patient perform brief pre-defined tasks based on common rating scales (e.g., UPDRS, TETRAS). A mobile application guides patients through donning the motion sensor on their finger or heel and provides intuitive instructions for completing the assessment tasks. Data from the motion sensor is uploaded to the Kinesia Web Portal in real-time and algorithms are used to calculate severity scores on a 0-4 rating scale shown to be highly correlated with clinician ratings.

**validated
real-time**



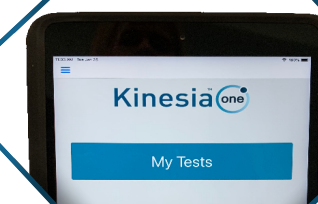
reliable
secure

The Sensor



The Kinesia ONE sensor is worn on the finger during specific tasks used to assess symptoms. The sensor transmits motion data wirelessly to the tablet using a Bluetooth radio. (*The sensor includes a triaxial accelerometer, triaxial gyroscope, Bluetooth radio and wireless recharging*).

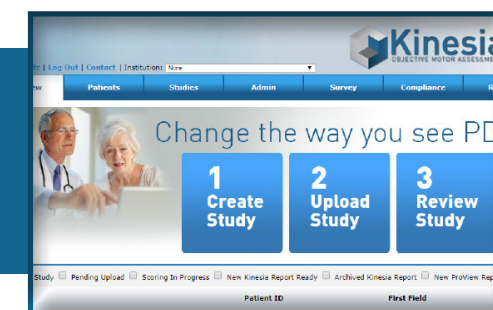
Kinesia ONE™ Tablet Software



The tablet is preloaded with the Kinesia ONE software and instructs patients on how to perform each assessment. Great Lakes NeuroTechnologies also provides mobile device management to ensure software is always current and controlled.

Secure Web Portal

Once an assessment has been completed, motion data is transmitted from the tablet to the cloud via mobile broadband or Wi-Fi to a cloud database that complies with 21 CFR Part 11. Clinicians and researchers access their data and reports real-time by logging into the Kinesia web portal.



Kinesia ONE Reports

The Kinesia ONE reports provide objective motor scores each time an assessment is performed. Symptom scores ranging from 0 (no symptoms) to 4 (severe symptoms) are calculated by clinically validated algorithms shown to be highly correlated with expert clinical ratings. *(Customized data reporting is available)*

