NEOGEMINAE

REVOLUTIONIZING THE ASSESSMENT OF HUMAN MOTION

ORTHOMODUS

Automated, Digital, Human Motion Assessment

NEUROMODUS

IN-CLINIC APPLICATIONS

Baseline measures of standardized motion protocols.
Longitudinal assessments against internal and external comparator.
Motion assessment for diagnostic support.
Quantitative assessment of therapeutic interventions/outcomes.
Chronic condition management support.

IN-HOME APPLICATIONS

Post Discharge Remote Patient Monitoring.
In-home follow-up assessment.
Support of patient adherence/compliance.

PHYSICAL THERAPY/REHABILITATION

Provide assessment and quantification of patient progress
Digitize and automate standard manual PT assessments

DIRECT TO CONSUMER APPLICATIONS

Data can be linked to available wearable /health tracking technology

GENERAL WELLNES MONITORING

Balance - Strength - Postural Stability

FLEXABLE/PORTABLE TECHNOLOGY

Computer Vision and Motion Sensor can be used in combination or independently depending on the application

PROBLEM

Objective quantification of pain, discomfort and disequilibrium for diagnostic support and outcomes assessment is complex, time consuming, expensive and highly subjective.

NEED

Rapid, accurate, simple and cost-effective motion assessment system that improves subject experience and delivers quantifiable information to support clinical decision making

SOLUTION

A portable system that uses a motion sensor and computer vision with machine learning and AI to create a digital twin of the human musculoskeletal system for application in discreet assessment and quantification of human motion and postural stability.

HOW WE HELP

Clinical decision support.
Precision and personalized treatment.
Monitor and manage disease progression.
Monitor therapeutic response and outcomes.
Optimize safety and prevent adverse events.
Enhance rehabilitation process.

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