

System and Method for Remote Motor and Sensory Function Testing

Intellectual Property

Patent Pending

Lead Inventor

John DiGiovanni

Licensing Contact

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Desired Partnership(s)

Commercial Co-Development

Categorized As

Artificial Intelligence
Care Coordination
Computer Vision

Unmet Need

The advancements in telehealth and remote healthcare are limited by the features of digital technology. Remote calls are limited to only two sensory inputs, visual and audible. However, for a complete examination/evaluation of an individual, other sensory inputs are needed.

Solution/Technology

This system and method provide additional sensory inputs for two individuals to conduct a full physical examination. The artificial intelligence of the system and method analyzes trends and creates personalized plans of care that the individual can perform to obtain desired results for future examinations.

Advantages

- AI-driven care plans promote health and wellbeing of users
- Real-time motor function outputs facilitate thorough virtual visits
- Remote sensory inputs and outputs allow for two-way physical communication
- Compatibility with virtual communication channels expands accessibility of thorough health visits