

Announcing a New Research Study: Evaluation of a Wearable “Smart Socks” Gait Monitoring System for Improving Rehabilitation Outcomes

What is the purpose of this study?

- ◆ Falls and subsequent health issues related to challenges in gait (walking) can occur when individuals are recovering from a stroke or brain injury or are dealing with progressive neurological disorders such as Parkinson’s Disease (PD) or Multiple Sclerosis (MS)
- ◆ The purpose of this study is to evaluate the use of a Smart Socks gait monitoring system for measuring gait metrics
- ◆ The Sensoria Smart Socks gait monitoring system is a pair of socks and ankle bands that provide real-time monitoring of gait
- ◆ Our goal is to evaluate whether the Smart Socks system could be used for monitoring and identifying gait related symptoms during daily life activities in order to optimize treatment for neurological conditions



What is involved with participation in this study?

- ◆ We will examine your gait using the new Smart Socks gait monitoring system and a clinically validated gait monitoring system called the GAITRite so that we can compare the two systems
- ◆ If you decide to take part in this study, we will ask you to wear the Smart Socks while you walk across the GAITRite monitoring mat (a distance of approximately 19 feet)



Who may be eligible to participate?

- ◆ Individuals between the ages of 18 and 90 who are able to come to Casa Colina and safely complete a walking task
- ◆ Individuals who have not been diagnosed with any neurological injury or disease
- ◆ Individuals diagnosed with a neurological condition that may result in gait deficits. Diagnoses may include but are not limited to: Stroke, Parkinson’s Disease, Multiple Sclerosis, and Traumatic Brain Injury

For more information or to find out if you or your patient or family member qualifies, please contact:
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