

D3.3 Gait Speed App

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Introduction

Research has shown that gait (walking) speed is highly correlated with survival in older adults and a good indicator of well-being and frailty. Gait speed can also be used as a rehabilitation assessment. However, there is a lack of widespread adoption in the clinical setting, which likely stems from the complexity of integrating the assessment into the workflow. Previous development work under RERC TechSage focused on development and evaluation of an app and a wall-mounted device for measuring short-distance gait speed in the clinical workflow.

The purpose of this project is to advance technology transfer of the GaitRate App and GaitRate Wall-mounted Clinic System.

GaitRate Device

A wall-mounted gait speed sensing device designed with input from clinical intake staff users to automatically measure short-distance gait speed on 4-meter course as a rapid method for collecting gait speed in everyday clinical and rehab settings.

Seeking insurer input on clinical gait speed measure reimbursement potential

Seeking Partners for further proof of product evaluation in clinical setting.

US Patent Pending
Gait-Pace Meter And Methods of Determining Gait Speed
Application No.: 16/971,764
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International Patent Pending
Meter And Methods of Determining Gait Speed
Application No.: PCT/US2019/018933
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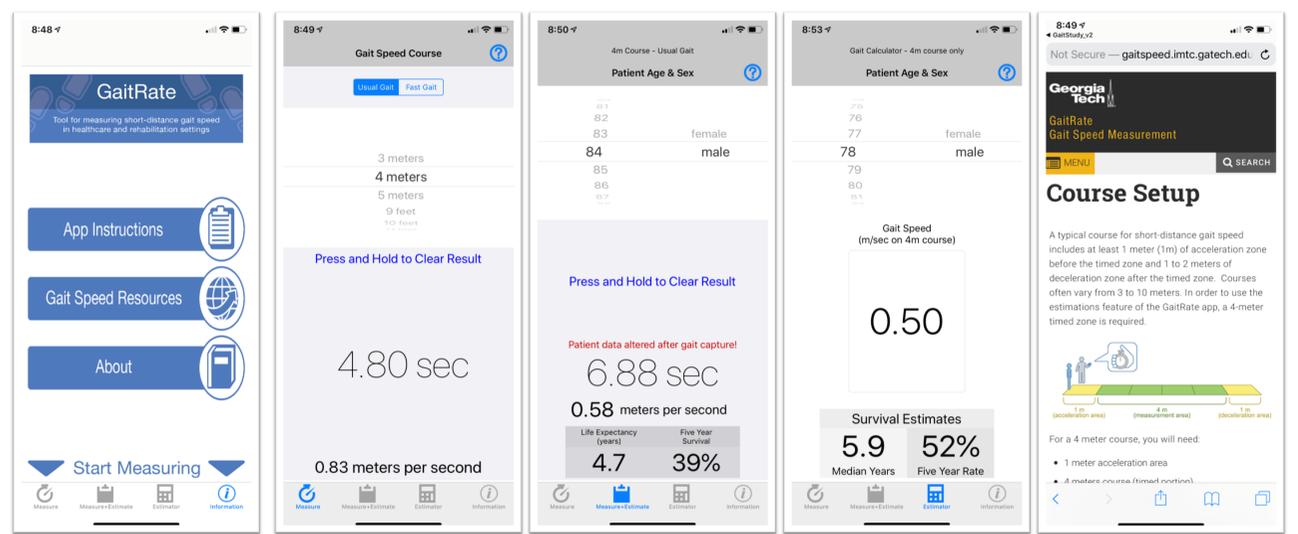


Demonstration of the GaitRate system in a clinic setting.

GaitRate App

An app to measure short-distance gait speed on 4-meter course as a rapid method for collecting gait speed in everyday clinical and rehab settings and to compare against population norms.

Now available on Apple App Store



Landing Page Any course length gait speed measure 4m course measure + survivability estimates Input 4m gait speed for survivability estimates Information and Resource website