Movement Disorders disrupt the way our muscles function and challenge the way we move in the world.

Gait Variability
Refers to stride to stride fluctuations during normal walking.

18 Million People
Are affected by Variable Gait
Parkinson’s, Stroke, Cerebellar Ataxia, & Elderly

This Looks Like...
variability in gait speed, step length, step width, or stride length

Walking Becomes Expensive
More oxygen and energy are required to walk with variable gait.

The Problem
Gait variability is a strong indicator of overall health, cognitive decline and mortality. The metabolic cost of walking with variable gait needs to be quantified to better understand the challenges they face.

Every person deserves the chance to walk without paying the price.