



We invite you to participate in the study, testing effectiveness of the NewGait® rehabilitative system in correcting gait impairments

Please contact us if you:

- 25 years of age or older
- have sustained gait impairments due to lower extremity paresis post stroke, multiple sclerosis, brain injury or other neurological deficits
- able to walk independently at least 50 ft (with or without assistive device)
- have full or near-full range of motion in major lower extremity joints and no pain or recent orthopedic problem, affecting your walking
- have normal or corrected to normal vision and can follow simple instructions,

The testing will be conducted in the Central Michigan University Motion Analysis Center in the Health Professions Building 1356 and will last approximately 1.5 hour. During testing you will walk 30 ft distances in different conditions, including walking without assistive device; walking with the NewGait® rehabilitative system assisting foot and hip motions; walking with off-the-shelf ankle foot orthosis; and walking with your own orthosis if you regularly wear such. Each walking condition will be repeated 3 times, with the total of 12-15 trials, each of which can last 1-2 min and may cause some fatigue. **You will receive compensation of up \$50 for the study immediately after completion of testing.**

Please contact Ksenia Ustinova at ustink@cmich.edu or by phone (989) 854-5880 if you are interested and/or have additional questions.