

Official Title: Sensor-driven Smart Faucet to Enable and Empower Independent Drinking and Grooming for Individuals Impacted by Spinal Cord Injury

Brief Title: Access-H2O Faucet for Spinal Cord Injury

NCT number: 06159946

Updated: June 30, 2025

Statistical Analysis Plan

This feasibility study does not require a full statistical power analysis, as its primary goal is to gather preliminary data to enhance the faucet's functionality prior to commercialization, rather than to draw definitive statistical conclusions. The percentage of participants who completed the testing was calculated. Each participant performed the test three times, and the mean and standard deviation of the percentages across the three trials were computed. Because this is a feasibility study, no statistical analysis was conducted to test for differences.