

**Engineering Specification #7 – Non-alternating Handlebars**

The purpose of this test is to verify that the handlebars do not have alternating forward and backward hand movement. Alternating handlebars drastically increase the difficulty of the patients' task to balance the bike, and this effect is undesirable.

**Start Date:** 5/14/08

**Finish Date:** 5/14/08

**Engineers set-up experiment:** Jonathan Bawas, Carl Mangelsdorf, James Nardo, Jeffrey Tempest, Jen Zelasko

**Equipment Needed:**

1. None

**Conclusions:**

Handlebars are traditional bicycle handlebars and do not have alternating hand movements, achieving the ideal value for this specification.