# AccWalker Collection Instructions

This document provides a simple set of data collection instructions for users of the AccWalker mobile application. This document is a work in progress and some features of the AccWalker mobile app available to the user may not have associated instructions. Please be patient as the AccWalker team updates both user functionality and associated documentation.

1. After selecting the AccWalker icon select 'Collect Data'.
2. Select the 'Start' button and enter trial information and collection time.
   a. Collection time is in seconds. Currently, AccWalker has only been tested for 10 minute (600 seconds) data collections. Users, at this time, are encouraged to only collect for 10 minute collections. Users can collect for smaller collections to test the app.
3. After trial information and collection time are entered select the 'Start' button.
4. Strap the mobile device to the participant. AccWalker has only been tested with the mobile device strapped to the right thigh of the participant. At this time this is the recommended location to collect walking data. Future implementations may have the phone strapped to the lower back in order to record accelerations from both legs.
5. After the phone has been strapped to the thigh, hit the 'Collect' button. There will be a 5 second delay before data is recorded. During this 5 second delay have the patient start walking at the desired speed. It is recommended for the user to strap the phone in such a way that the 'Collect' button is easily accessible.
6. After data is collected the user will have a variety of options:
   a. Plot Data- Plot the acceleration data
   b. Upload Data- Upload the data to the server (currently not on the main screen but in the menu options)
   c. Delete Data- Delete the text file associated with this collected data.

The data is saved automatically as a .txt file for further processing in /download/Data/*.txt. This location will be changed in future releases of the AccWalker mobile app and this support documentation will reflect that change.

Current version of the AccWalker Mobile App:

**v.1.7.10**