



We want to learn more about hand rehabilitation using video games  
We're hoping you can help.

Researchers at California State University Los Angeles want to find a way to make hand rehabilitation exercises motivating, interactive and fun. This research study is for anybody who has suffered from hand impairment and is looking to improve hand function.

Participation in this study is voluntary.

### Would the study be a good fit for me?

This study might be a good fit for you if you:

- Recently had or recovering from a Stroke, Spinal Cord Injury, Traumatic brain injury, or other neurological injuries that resulted in lost hand function.
- Have moderate to low level of hand impairment.
- Speak and read English.
- Not be allergic to cotton or latex.
- Are able to follow directions.
- Capable of getting to California State University Los Angeles.

### What would happen if I took part in the study?

If you decide to take part in this study, you would:

- Dedicate about 1 hour of your time per day for 2 week at Cal State La between 7 am- 7 pm Monday to Friday.
  - During this time you will be wear a cotton glove with force sensors, that senses the finger and thumb movements used in occupational hand therapy, allowing users to play fun and interactive games.
- The possible benefits if you take part in the study.
  - Improvement of hand function.
  - Improvement of hand-eye-coordination.
- The possible risks if you take part in the study.
  - Changes in motor ability.
  - Patient confidentiality.

**To take part in our research study or for more information, Please contact Oscar Ledezma at (909) 753-3653 or e-mail us [oledezma@calstatela.edu](mailto:oledezma@calstatela.edu)**

THIS PROJECT HAS BEEN REVIEWED BY THE CALIFORNIA STATE UNIVERSITY, LOS ANGELES INSTITUTIONAL REVIEW BOARD FOR THE PROTECTION OF HUMAN SUBJECTS IN RESEARCH. ADDITIONAL CONCERNS AND COMPLAINTS, OR QUESTIONS REGARDING YOUR RIGHTS AS A RESEARCH PARTICIPANT, SHOULD BE DIRECTED TO THE ASSOCIATE VICE PRESIDENT FOR RESEARCH AND ACADEMIC PERSONNEL

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