

Participate in Research

Project Falcon: A new video game controller for hand and arm therapies

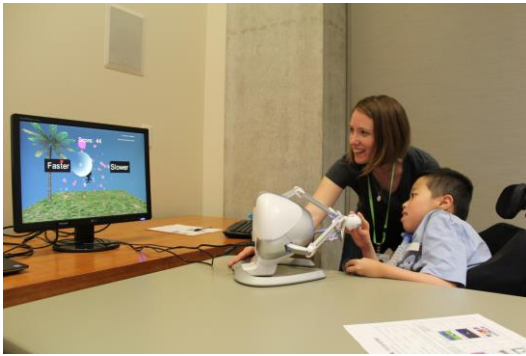


Principal Investigator:

Elaine Biddiss

Centre for Leadership:

Child Development



TO ASK QUESTIONS OR TO SIGN UP, CONTACT:

Maritza Basaran,
Research Assistant
mbasaran@hollandbloorview.ca
Tel: 4164526220 ext 3220

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Do you wish hand and arm therapies could be more fun? Participate in a clinical trial about a new video game controller for interactive computer play therapies

What is this study about?

Hand and arm therapies can sometimes be boring for kids. Video games can make these therapy activities more fun. We would like to try out a new video game controller called the Falcon. We think that using the Falcon might be helpful for grip strength and for wrist extension.

Who can participate?

We are looking for kids who:

- have hemiplegic cerebral palsy
- are between 8 and 16 years of age
- have some difficulty handling objects (Levels I to III on the Manual Abilities Classification System)
- arms have not been treated with Botulinum Toxin in the last 3 months
- do not have a history of epilepsy or had epilepsy but is now under control
- have typical or corrected to typical vision and hearing for video game play
- can answer questions in English about preferences

What's involved?

Your child will meet with a research therapist for 12 weekly sessions at Holland Bloorview. Each session will last one hour. Before these sessions start, the therapist will observe how your child uses his/her hands. She will measure grip strength and wrist range of movement. We will ask you to answer some questions about how your child usually uses his/her hands. We will also ask your child what he/she likes or doesn't like about the video game system. This will happen both before and after the 12 sessions.

Potential Benefits?

- Your child may help improve the video games we are designing for hand and arm therapies.

Potential Risks?

- Your child's muscles may feel sore after the sessions.

Participants will receive a small token of appreciation to thank them for their time. We will cover TTC or parking.