

Participate in Research

Evaluating the usability of a new wireless vocal cord vibration switch



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TO ASK QUESTIONS OR TO SIGN UP, CONTACT

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Do you or your child use **switch access technology?**

Consider participating in a research study testing the usability of a **new wireless vocal cord vibration switch**

What is this study about?

This study is testing how easy it is to set up and use a new wireless vocal cord vibration switch and how helpful the training materials are. The switch has a sensor in a neckband that detects when a user makes a 'hum' sound.

Who can participate?

We are looking for pairs of parents/caregivers and switch users

- The parent or caregiver must:
 - Care for someone who regularly uses switch access technology
 - Be able to read and write in English
 - Have access to a desktop or laptop computer that runs either Windows or macOS for device setup
- The switch user must be:
 - Able to make some vocalizations
 - Free of an implanted medical device that is contraindicated with magnets (ex. pacemaker, vagus nerve stimulator etc.)

What's involved?

This study involves:

- **Two sessions at Holland Bloorview for the parent/caregiver** that are two weeks apart (1-1.5hr each – evenings and weekends are possible)
 - Reading manuals and watching videos about how to use a wireless vocal cord vibration switch
 - Attempting setup tasks
 - Sharing your thoughts on the device and training materials
- **Taking the wireless vocal cord vibration switch home for two weeks** to use in place of current switch access technology when possible
 - **Check-in phone call** after having the device for one week

What are the benefits of participating?

- There are no direct benefits but participation will help us improve a new wireless vocal cord vibration switch that may be used for communication or environmental control

Participants will receive a small token of appreciation to thank them for their time.