



Appointment  
Guide for  
Control  
Participants

# Thank you for taking part

The aim of the study is to determine whether Melatonin can help to improve recovery after a concussion.

Brain Imaging will help us do this.

By taking part in this study you will help us understand what is different about the brain after a concussion compared to kids without concussions and kids who recovered quickly.

This booklet will tell you more about what will happen at your study appointment and what you will need to do.

Your parking costs will be reimbursed.

If you have any questions now or later please ask the study team, who will be happy to help you.



# Screening and consent

Please come to the clinic on

Date \_\_\_\_\_ at \_\_\_\_\_

This is to discuss the study with the research staff.

Once you are satisfied, if you wish to take part you will be asked to sign an informed consent form.

You will be asked some questions about your medical history and current symptoms

Study team telephone number

403 955 3184

Key Contact Name

Brenda Turley

Alternative contact name

Dr. Karen Barlow

# Clinic Appointment

Date \_\_\_\_\_ Time \_\_\_\_\_

You will be asked to sign an informed consent / assent form

You will have the following tests:



Questions about your  
medical  
history



Cognitive tests using  
computerized testing and  
questionnaires



Urine test



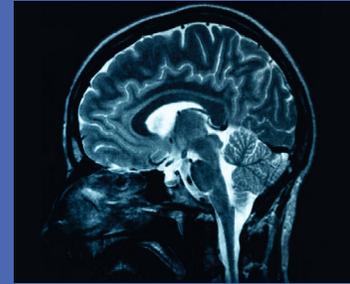
You will be given an  
Actiwatch to wear until  
you return for your  
neuroimaging

## Magnetic Resonance Imaging (MRI)

**F**unctional magnetic brain imaging (fMRI) is a safe test that helps us understand how the brain works.

Please complete the MRI screening form carefully. Remove body piercings and anything with metal.

You will lie still on a table that will move into the scanner for about one hour. You will wear earplugs as the scanner makes loud noises. During part of the scan, you will be asked to respond to pictures and sentences by pressing buttons. You can interrupt the study and rest outside the scanner.



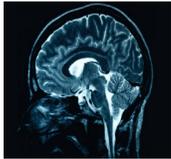
## Transcranial Magnetic Stimulation (TMS)

**T**MStMS uses magnetic fields to specific areas of the brain. Small stickers placed over muscles in the hands measure a response to these stimulations to try and understand how the brain is working. You will sit in a comfortable chair and watch movies or simply rest during the test.

## Brain imaging appointment

Your MRI and TMS will take place on:

Date \_\_\_\_\_ Time \_\_\_\_\_



MRI scan



Short break with refreshments



TMS



Thank you!

Our website: [www.4cTBI.com](http://www.4cTBI.com)

Please keep this booklet safe