

VOLUNTEERS WANTED

At home vision tests - people who experience MIGRAINES with or without aura

Volunteers are invited to participate in a research study assessing the effects of migraine headaches on vision. Both migraine sufferers and people who do not suffer from headaches are invited to participate.

Migraine is a common headache disorder that is often associated with visual problems. It is not clear whether visual performance changes in the time leading up to a migraine, and how it changes after an event. Because migraines often occur spontaneously, it is difficult to study vision in the lead up to a migraine. This study will involve approximately 7 minutes of daily testing of vision that can be conducted on an iPad, so we can measure performance in the lead up to and follow up from a migraine. We will also include people who do not suffer from headaches to enable comparison with the migraine group.

To be eligible to participate you:

- 1) need to get migraines with or without visual symptoms;
- 2) need to experience migraines every 1-4 weeks;
- 3) need daily access to an iPad (PROVIDED) for 4 – 10 weeks.

The study involves

1. Attending the Department of Optometry & Vision Sciences for an initial test session of around 45 minutes. During this time, an eye examination and several questionnaires will be administered to determine whether you are eligible to participate.
2. Daily Computerised Measures of Vision (approximately 7 minutes per day): The experiments are run via an app on your iPad. Instructions regarding how to install the app and training in the task will be provided at the first session. Daily testing will continue until your next migraine and for the next 7 days. Depending on your migraine frequency, we may try to capture 2 migraine events. If you have your own iPad, we will install the relevant app on your iPad. In order to loan the iPad we will require you to provide some photo ID (for example, driver's license).
3. Attending the Department of Optometry & Vision Sciences for a summary session of around 30 minutes. You will receive feedback on your tests conducted at home and complete the vision test once more in our laboratory.

Volunteers will be reimbursed \$20 in the form of a gift voucher per session conducted in our laboratory (total of two sessions) to assist with travel expenses incurred in attending.

This project is approved by the Human Research Ethics Committee at The University of Melbourne HREC 1443362.2

For more information please contact:

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