

Invitation to Participate in Research

Role of near vision behaviour in the myopia progression among children (Phase 1)

Researchers at UNSW are seeking participants for a project to compare near vision behaviour (NVB) between myopic and emmetropic children.

Would the research study be a good fit for me?

The study might be a good fit for your child if your child:

- Aged 4 to 14 years old.
- Has no prescription or is short-sighted (greater than -0.50 D)
- Has best corrected vision 0.1 LogMAR or better than in each eye for 6- to 14-year-old children, and 0.2 logMAR or better than in each eye for 4 and 5-year-old children (adjusted for age-related expectations)
- Has no history of eye turn (strabismus) or lazy eye (amblyopia).
- Has good ocular and general health.



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

If your child decides to take part, they will be:

- Screened for eligibility. This will involve a screening test (60 mins) measuring their vision, power of their eyes, ocular health checkup and eye length measurement.
- If they are eligible for this study, they have to undergo an additional test (5 mins) to measure choroidal (tissue at the back of the eye) thickness. This measurement does not carry any risks as it is non-invasive and does not involve any contact between the instrument and eyes.
- At the end of the visit, they will be provided with the Vivior, a clip-on sensor device attached to the right side of a spectacle frame (as shown in the above picture). They will be asked to wear the device for 8 days to measure NVB in their habitual environment (home, school, outdoor).
- You will be requested to complete an online questionnaire relating to your child's NVB on days 0, 4 and 8 of Vivior wear.
- A postage bag will be provided to you to post the Vivior back to us at the end of the 8 days of use.

Will I be paid to take part in the research study?

Your child will be rewarded with a \$100 Coles gift card at the end of the study visit to compensate for the time involved in the Vivior use. Please note your child will receive only a \$25 Coles gift voucher if they failed to meet the study inclusion criteria during the screening test.

Please contact the following persons via email or phone to register your interest in taking part in the research:

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