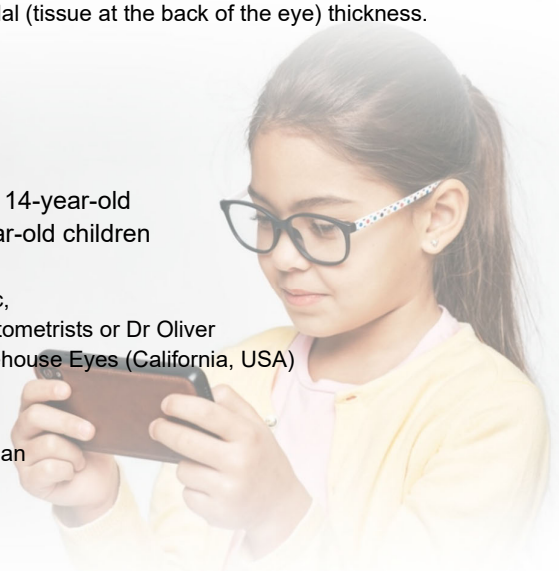
Invitation to Participate in Research

Role of near vision behaviour in myopia progression among children (Phase 2)

Researchers at UNSW, Sydney, and Queensland University of Technology (QUT) are seeking participants for a project to quantify near vision behaviour (NVB) in myopic children undergoing any form of treatment for controlling myopia progression and to establish the association between NVB and changes in the eye power, eye length and choroidal (tissue at the back of the eye) thickness.



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 short-sightedness greater than between -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).
- Willing to undergo myopia control treatment at the UNSW Optometry Clinic, QUT Optometry Clinic, Lumiere Eyecare or Fortescue & Koszek EyeQ Optometrists or Dr Oliver Woo Optometrist, Orthokeratology and Myopia Management Clinic or Treehouse Eyes (California, USA)
- Has no history of eye turn (strabismus) or lazy eye (amblyopia)
- Has good ocular and general health.
- No previous pharmacological and optical myopia control treatment more than 1 week and 2 weeks, respectively

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

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

- Attending three study visits – baseline visit (screening tests and baseline measurements), first 6 months and second 6 months during the myopia control treatment at the UNSW Optometry Clinic, QUT Optometry clinic, Lumiere Eyecare, Fortescue & Koszek EyeQ Optometrists, Dr Oliver Woo Optometrist, Orthokeratology and Myopia Management Clinic or Treehouse Eyes. The baseline visit is not required if your child is continuing their participation from the previous study phase.
- 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 will complete the baseline visit. 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 baseline visit, they will be provided 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).
- Following the baseline visit, your child will be referred back to the UNSW Optometry Clinic, QUT Optometry clinic, Lumiere Eyecare or Fortescue & Koszek EyeQ Optometrists, Dr Oliver Woo Optometrist, Orthokeratology and Myopia Management Clinic or Treehouse Eyes to initiate myopia control treatment.
- They will be asked to come for two follow-up visits, one 6 months and another 12 months after the treatment initiation which is a normal protocol for any myopic children undergoing myopia control treatment. During these visits, they will be again asked to wear Vivior for 8 days.
- They have to wear the Vivior for a total of 24 days (8 days at baseline, 8 days at 6 months and 8 days at 12 months after the initiation of treatment).
- You will be requested to complete an online questionnaire relating to your child's NVB on days 0, 4 and 8 of Vivior wear for all three study visits.
- You will be requested to complete a second online questionnaire relating to you and your child's experience with using the Vivior.

A postage bag will be provided to you to post the Vivior back to us at the end of the 8 days of Vivior use for all three study visits.

Will I be paid to take part in the research study? If your child is newly recruited for this study, your child will be rewarded with a total of AU$300 (3 x AU$100) Coles or US$180 (3 x US$60) Walmart gift voucher at the end of all three study visits to compensate for the time involved in the Vivior use. If your child continues participation from the previous study phase (Australian sites only), they will be rewarded with AU$200 (2 x $100) Coles gift voucher at the end of two study visits to compensate for the time involved in the Vivior Please note your child will receive a AU$25 Coles or US$15 Walmart gift voucher if they failed to meet the study inclusion criteria during the screening test. If you would like more information or are interested in being part of the study, please contact:

SCAN TO APPLY

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