Customising Orthokeratology Lenses to Enhance Myopia Control Outcomes.

Researchers at UNSW are conducting a project which aims to investigate the change in eye shape after short term wear of two different orthokeratology lenses. Recent clinical trials have shown that orthokeratology lenses also slow down the progression of myopia in children and it is thought that changes in peripheral vision from orthokeratology lens wear is responsible in some part for this effect. This study will explore the effect of two different orthokeratology lens designs on anterior eye shape and peripheral vision.

The research study is looking recruit people who meet the following criteria:

- Individuals aged between 18-40 years
- Have short-sightedness (myopia) between -1.00D and -6.00D and less than -1.50D of astigmatism
- Distance and near vision at a level expected for a young healthy adult
  Similar front eye shape between eyes

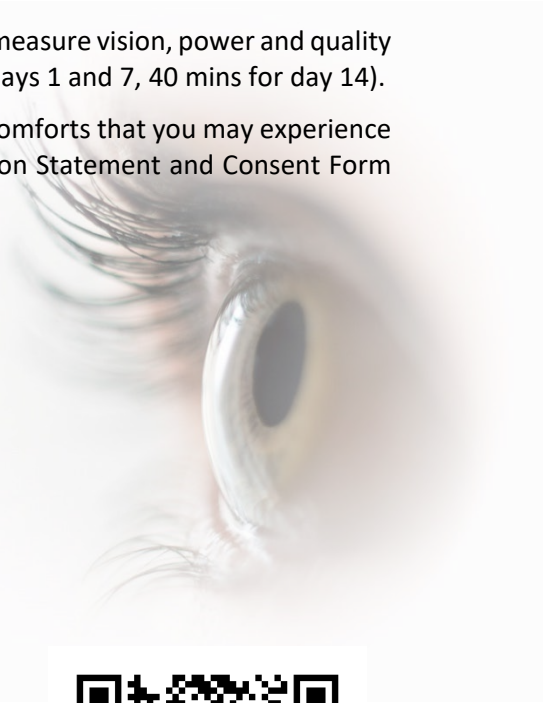
Participants meeting the following criteria will be excluded from the study:

- History of eye turn (strabismus) or lazy eye (amblyopia)
- Unable to safely wear rigid or orthokeratology contact lens wear
- Participants who cannot meet the requirements to wear orthokeratology contact lenses
- History of eye surgery or eye conditions such as glaucoma or cataracts that impact eye health
  History of systemic conditions such as diabetes or high blood pressure that impact eye health

Participants will be asked to complete the following research activities if they agree to participate:

- Attend a screening/baseline visit to measure vision, power of the eyes, shape of the front surface of the eyes, and eye health check (30 mins) then the quality of your vision (10 minutes).
- Lens-fitting visit (45minutes)
- Study visits after 1, 7 and 14 nights of orthokeratology lens wear to measure vision, power and quality of the eyes, anterior eye shape and eye health check (30 mins for days 1 and 7, 40 mins for day 14).

A full description of all research activities, including any risks, harms or discomforts that you may experience while participating in this research is included in the Participant Information Statement and Consent Form which you can get a copy of by scanning the QR code below.



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

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