

Research Study Title: Effect of soft contact lens wear on blinking

Researchers at UNSW are conducting a project investigating the effects of wearing different soft contact lenses on blinking using a novel mobile eye-tracking headset.

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

- Age between 18 and 40 years.
- Able to speak and understand English sufficiently to provide consent and complete symptom questionnaires and understand study instructions.
- Soft contact lenses wearers.

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

- Presence of any active ocular conditions, such as eye allergies that are likely to impact blinking, or any systemic conditions or medications known to affect blinking.
- Previous eye surgery.
- Best corrected visual acuity below 6/9 at distance or N5 at near.
- Refractive error of more than -8.00D or more than +4.00D, or astigmatism more than 0.75D.
- Accommodation or convergence are abnormal for age (amplitude of accommodation, near point of convergence).
- Evidence of strabismus (cover test, modified Thorington phoria test).

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

- Screening visit to determine your eligibility for this study, which will take approximately 30 minutes to complete: assess vision, contact lens power, paper-based eye symptom questionnaires and anterior eye health.
- Eligible participants will attend 2 study visits expected to take approximately 90 minutes to complete at the UNSW School of Optometry and Vision Science research clinic; you will be asked to wear several different contact lenses for 15 minutes at a time and watch videos while wearing an eye-tracking headset that automatically records blinking.

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 attached Participant Information Statement and Consent Form.

Please contact the following person via email to register your interest in taking part in the research:

Name	Shuxuan Xiong
Position	Optometrist
Email	z5261804@zmail.unsw.edu.au

If you have questions about the research and would like to Investigator, Chief Investigator please contact the following person:

Chief Investigator

Name	Professor Isabelle Jalbert
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