

CHANGES IN OCULAR SURFACE SENSITIVITY WITH COMPUTER USE

Researchers at UNSW are conducting a simple but revealing study about the potential changes in the sensitivity of the eye surface after working on a computer.

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

- 18 to 40 years old
- Frequent computer use (≥ 4 hours of computer use per day)
- Able to read and comprehend English



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

- Have any eye or general health conditions which may affect your eyes, for example severe dry
 eye, active eye allergy, Graves' disease, diabetes, Sjögren syndrome or multiple sclerosis
- Have any eye infections or inflammation
- Current use of eye and/or general medication which is known to affect eye health or eye comfort, such as chloramphenicol, prednisolone acetate, Accutane, antidepressant medications, topical glaucoma drops, or anti-allergy drops
- Have any history of eye surgery like corneal refractive surgery or cataract surgery
- Have a history of or is a current contact lens wearer
- Previous wearer of hard contact lenses, including Ortho-K lenses
- Are pregnant or breastfeeding
- Have a history of binocular disorders including amblyopia, strabismus or anisometropia.

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

One study visit at the School of Optometry in the Rupert Myers building (UNSW Kensington).
 The visit will take approximately 2 hours to complete, including one hour of computer work in a free-choice task.

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

Name	Cristian Talens Estarelles
Position	PhD candidate
Telephone	+61 415 852 211
Email	c.talens_estarelles@student.unsw.edu.au

If you have questions about the research, please contact the Chief Investigator:

Name	Fiona Stapleton
Position	Scientia Professor
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Participant Information and Consent Form

HREC Approval Number: HC220450 Version dated: 27/09/2022