

Invitation to Participate in Research

Dose response measurements of low dose atropine eye drops over time

Researchers at UNSW Sydney (The University of New South Wales) are seeking volunteer research participants to learn about the effect of different low concentrations of atropine eyedrops on the pupil of the eye and ability to see at distance and near.

Would the research study be a good fit for me?

The study might be a good fit for you if you:

- Are aged 18-40 years and have normal general and eye health
- Have no allergy to atropine or preservatives in eye drops, or a history of allergic reactions to eye medications
- Have not used atropine eye drops within the past 2 weeks
- Have no history or risk of glaucoma
- Do not have any eye diseases such as infection or inflammation
- Are not currently using any eye medications or anti-depression medications
- Are not pregnant, planning to become pregnant or are breastfeeding

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

If you decide to take part you would:

- Attend a preliminary screening session to see if you can take part. This visit involves checking your vision, the power of the eye (prescription), your eye health and eye pressure and will take approximately 30 mins.
- If you can take part, you will return on a separate day for baseline measurements. This involves measuring your vision at distance and near, the power of your eyes (prescription), near focusing ability, pupil reactions, the length of your eye and health of your eyes and will take 30-40 mins.
- You will then receive an unknown random eye drop with 0.01%, 0.02% or 0.05% atropine or no atropine at all in both eyes. We will then repeat measurements of your vision, power of the eyes (prescription), near focusing ability and pupil function after 15 minutes, 30 minutes, 1 hour and 6 hours. You will also be asked to complete a short questionnaire regarding your vision at each visit (10 mins per visit)
- You will then be asked to return 1 and 3 days after drops were put into your eyes and the same measurements taken at the baseline visit will be repeated (30-40 mins).



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

There are no additional costs associated with participation in this research study. You will be provided with a \$30 gift voucher at the end of the study for your participation.

Who do I contact if I want more information or want to take part in the study?

If you would like more information or are interested in being part of the study please contact:

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