



The Effect of Eyelid Hygiene on Ocular Symptoms and Eyelid Flora

Researchers at UNSW are conducting a project to examine the effect of Bruder Hygienic Eyelid Solution (Hypochlorous acid 0.02%) on the signs and symptoms, and eyelid bacteria in people with and without dry eye, to evaluate its usefulness as an eyelid hygiene product.

Eligibility Criteria:

- Are aged 18 years or older.
Habitual visual acuity of at least 6/9 in each eye.
Are willing to use hypochlorous acid spray on your eyelids twice daily for 4 weeks.
Are willing to attend two clinic visits at the School of Optometry and Vision Science.
Are willing to not use any warm compresses for the duration of the study.
Are willing to not change the usage frequency and type of any currently used rewetting drops for dry eye for the duration of the study.
Are willing to not use eyelid cosmetics at the two visits.



Exclusion Criteria:

- Known allergy to hypochlorous acid or other chlorine-containing products.
Eye surgery or trauma in the last 6 months.
Use of contact lenses in the last 4 weeks.
Use of any medication (e.g. anti-inflammatory, anti-infectives or immunosuppressives) that may have an effect on eye health and/or function during the study period
Use of lid hygiene products such as lid wipes, lid foams and lid sprays with the exception of standard make-up remover that does not contain tea tree oil.
Lactating or pregnant women
History of migraine or epilepsy made worse by flashing lights.

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

- Attend 2 clinic visits 4 weeks apart. Each visit will take 45 minutes to 1 hour.
Complete questionnaires about how your eyes feel and undergo assessments to evaluate the front of your eyes and tear film, including having your eyelids swabbed with a sterile cotton bud.
Based on your answers to the questionnaires, you will be classified into one of two groups- dry eye or non-dry eye. Both groups will undergo the same procedures.
Use Bruder Hygienic Eyelid Solution twice a day for approx. 4 weeks.

Will I be paid to take part in the study?

Participants will not be reimbursed for their participation, nor will their participation incur any expenses. The Bruder Hygienic Eyelid Solution will be provided free of charge during the course of the study.

Who do I contact to register my interest in taking part in the research or for more information?

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

Table with 2 columns: Name, Email. Rows: Amy Odisho (amy.odisho@student.unsw.edu.au), Chui Har Tey (chui\_har.tey@student.unsw.edu.au)

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

Table with 2 columns: Name, Position, Telephone, Email. Row: Dr Jacqueline Tan-Showyin, Director, Eye Research Group, +61 2 9385 6551, jacqueline.tan@unsw.edu.au

HC number: HC230162

Version date: 26 January 2024

Table with 12 columns, each containing contact information for Bruder Hygienic Eyelid Solution: Name, Position, Telephone, Email.