

Using eye movements to measure vision in children

ACTRN12617000338369

Status RECRUITING
Sponsor University of Auckland
Enrollment 120 participants

Plain Language Summary

This study is developing and testing a new computer-based vision test for young children. The test uses moving patterns on a screen to trigger natural eye movements, allowing researchers to measure how well a child can see without requiring them to read letters or follow instructions. The goal is to detect vision problems early in children aged 3 to 6.

You may be eligible if:

- Your child is between 3 and 6 years of age (36 to 83 months)
- A parent or guardian is willing to give informed consent
- Your child has had a recent eye examination, or you are willing to have one done at enrollment

You may NOT be eligible if:

- Your child has infantile nystagmus (uncontrolled eye movements)
- Your child has had eye muscle surgery in the past 6 months
- Your child has a current eye disease
- Your child has a known or suspected developmental delay
- Your child has a systemic disease or syndrome

Talk to your doctor about whether this trial might be right for you.

Key Eligibility Criteria

Inclusion (3)

- Aged 3-6 years old (36-83 months at the time of registration)
- Have parent(s)/guardian(s) willing to provide informed consent
- Had paediatric eye examination, including cycloplegic refraction within the past 6 months OR is a child for whom the parent consents to having a paediatric eye examination including cycloplegic refraction at the time of registration.

Exclusion (5)

- Infantile nystagmus syndrome
- Eye muscle surgery within the past 6 months
- Current eye disease
- Developmental delay (known or suspected)
- Systemic disease or syndrome

Locations (2 total)

Auckland, New Zealand
Texas, United States of America

<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=ACTRN12617000338369>

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