

Efficacy of Biofeedback Training for Glaucoma

NCT07409077

Status	RECRUITING
Phase	Not Applicable
Sponsor	University Health Network, Toronto
Enrollment	70 participants

Plain Language Summary

This study tests whether biofeedback training — a technique that uses visual feedback to help patients learn to stimulate surviving cells in the eye — can help people with glaucoma improve areas of reduced or lost vision near the center of their visual field.

****You may be eligible if...****

- You are between 18 and 95 years old
- You have glaucoma with adequately controlled eye pressure
- You have specific blind spots (scotomata) within 2 degrees of the central visual field
- You are able to understand and follow the biofeedback training instructions

****You may NOT be eligible if...****

- You have already received low vision rehabilitation
- You have other eye diseases or severe medical conditions unrelated to glaucoma
- You have cloudiness in the eye (media opacities) that prevents reliable vision testing
- You are unable to complete the required study assessments or follow training instructions

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (4)

- years old.
- Glaucoma cases with adequate intraocular pressure control.
- Presence of paracentral scotomata within two degrees of fixation.
- Ability to follow instructions for biofeedback training.

Exclusion (4)

- Prior or current low vision rehabilitation treatment.
- Ocular diseases or severe clinical conditions unrelated to glaucoma
- Media opacities that prevent reliable microperimetry testing in both eyes.
- Inability to perform study assessments or follow instructions for biofeedback training.

Locations (1 total)

University Health Network/ Toronto Western Hospital, Toronto, Ontario, Canada

<https://clinicaltrials.gov/study/NCT07409077>

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