

Eye Health Screening Initiative

DIABETIC RETINOPATHY SCREENING

VISION LOSS REHABILITATION CANADA

INDIGENOUS DIABETES HEALTH CIRCLE

Developed by Indigenous Diabetes Health Circle (IDHC) and Vision Loss Rehabilitation Canada (VLRC), the Eye Health Screening Initiative improves access to community-based diabetic retinopathy screening to reduce the risk of vision loss.

WHAT IS DIABETIC RETINOPATHY?

Diabetic retinopathy occurs when high blood sugar damages blood vessels in the back of the eye, causing them to swell, leak, or grow abnormally. Without treatment, it can lead to blurry vision, floaters, or vision loss.

THE SCREENING PROCESS

Both retinas are photographed using a fundus camera. Images are processed by Health Canada-approved AI screening software, and results are provided immediately.



SCREENING RESULTS AND NEXT STEPS

THIS IS A SCREENING TOOL NOT A DIAGNOSIS.

THIS SCREENING DOES NOT REPLACE YOUR REGULAR EYE EXAMS.



NEGATIVE SCREEN

No signs of diabetic retinopathy detected by the AI software.

POSITIVE SCREEN

VLRC will contact you with results and coordinate ongoing care and referrals if needed. An indication of diabetic retinopathy has been detected. Your images will be sent to VLRC for Ophthalmologist review.

UNGRADABLE SCREEN

The AI software could not assess the images, possibly due to poor lighting, blinking, movement, contraindication, or provider error. This is not a negative or positive result.



“It is an honour to recognize our sacred gifts, especially our eyes. Because it is our history, our recording of our history. And I want to keep continuing to record the history of our people and of our Mother, the Earth.”

Elder, Grandmother
Renee Thomas-Hill

CONTACT US

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Community Provider Contact