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# Seeing near and far with Lasik

*Staff Report*

A relatively new laser-blended vision procedure allows patients to see near, intermediate and far without glasses.

Clearview Vision Institute claims to be the first in Canada to offer the procedure.

Laser-Blended Vision is a Lasik procedure that has a 97 per cent acceptance rate among patients. It is a breakthrough alternative to wearing corrective lenses (glasses or contact lenses).

"I had been wearing glasses for over 45 years and have been using progressives for the last 10 years. After completion of the Clearview (Vision) Institute blended vision procedure I am able to both read and see distances clearly without the use of corrective lenses," says Philip J. Gertler.

Laser-Blended Vision is used to correct presbyopia in patients with emmetropia as well as in patients with myopia, hyperopia and astigmatism. Presbyopia occurs as the eyes age, losing ability to change the focus of the eye to zoom from distant to near objects. Presbyopia will affect all of us at some point in our lives, occurring in 100 per cent of the population.

Before Laser-Blended Vision was available, surgical presbyopic correction was achieved by using traditional Laser Monovision correction, where one eye was focused for distance vision and one eye was focused for near vision.

In traditional Laser Monovision, the depth of field is not increased, which means there is no blend zone. This results in creating a gap of blurred vision at intermediate distances where neither

the distance eye nor the near eye is in focus.

"In Laser-Blended Vision, laser refractive surgery is used to correct the dominant eye mainly for distance vision and the non-dominant eye mainly for near vision, while the depth of field (ie the range of distances at which the image is in focus) of each eye is increased. As a result, the brain merges the two images, creating a customized blend zone — a zone which is in focus for both eyes," explains Clearview Vision Institute's Dr Christoph Kranemann.

The patient experience, from a procedural and post-operative care perspective, is exactly the same as with any custom Lasik treatment.

For details visit [www.clearviewinstitute.com](http://www.clearviewinstitute.com) or call 800-765-9171.