

## LENS OPTIONS

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### Single Vision lens (This lens is covered under insurance.)

Single Vision Lens is a fixed focal point lens. This means that it does one range very well, but not all ranges. It does **not** correct astigmatism. So if you have residual refractive error, you will still need glasses or contact lenses to give you the best vision after surgery.

### Toric lens (Cost: \$1800.00 per eye) **\*Payment due at time of booking\***

A Toric lens is also a fixed focal point lens. It corrects the astigmatism coming from your cornea. This is why we perform topography (a colored picture which correlates colors with elevations). If you are looking to be less dependent on glasses at one focal point, this is a good option.

### Monovision

Monovision means one eye is set for distance and the other is set for near. No longer are they in the same plane. It is critical that we know which eye will be set for distance and which will be set for near. If unknown, a contact lens trial will be required prior to surgery. You also need to be aware that your depth perception will be compromised by going with this option.

### Multifocal lens (Cost: \$2700.00 per eye) **\*Payment due at time of booking\***

This option allows you to be less dependent on glasses at distance and near. This lens incorporates rings in its design, that allow for the ability to see distance, intermediate and near. Because of this design, you will see rings around lights at night. There will be a decrease in contrast sensitivity and results are not instantaneous. It may take an extended period of time for your brain to adjust. **This option is not for everyone and is not an option for a patient with retinal disease.** You need to ask yourself; do you want to be less-dependent on glasses, and don't mind if the visual quality is less due to the rings? Or, do you want the best quality vision you can have? If you are considering this option, a further conversation would be recommended, so you are happy with your choice.

### Extended range of Vision IOL (Cost: \$2700.00 per eye) **\*Payment due at time of booking\***

This lens extends your overall visual range without the visual disturbances associated with multifocal lenses. This lens uses X-WAVE technology that consists of two smooth surface transitional elements which simultaneously stretch and shift the wavefront to create an extended range of vision without splitting light as is the case with the multifocal lens. Studies have demonstrated good distance and intermediate visual acuity with some reading benefit around 20/30. If having quality near vision is **not** your primary concern, this might be the lens for you. Side effects are similar to that of a monofocal lens. As with this lens and the multifocal, there will be an adjustment period as your brain adapts to viewing through this new visual device.