

## Intraocular lens options

After the cataract is removed it is replaced by a new artificial lens, called an intraocular lens (IOL). The power of the new IOL is individualized to the patient and chosen based on the measurements of the eye taken prior to surgery (Biometry).

There are many options available for the model of IOL to be used; the following briefly describes the models of IOLs that Dr. Jinapriya has available at the Hotel Dieu Hospital.

### Monofocal Lenses

Traditional IOLs are “monofocal”, meaning that they focus images from only one distance away. This means that **distance vision** will be clearer than **near** vision after surgery. Therefore reading glasses may be necessary for near work. Monofocal lenses include:

#### **Basic Spherical IOL                      No Charge**

(This does not include IOL Master Biometry, \$125 per eye)

This IOL provides very good clarity at the chosen focal point. This is the only IOL covered by OHIP. It does not correct astigmatism.

\_\_\_\_\_  I understand that there are other lens options for me, but I would prefer this IOL.

#### **Aspheric IOL                                      \$185 per eye**

(This does not include IOL Master Biometry, \$125 per eye)

Aspheric IOLs have different optical properties than spherical IOLs, and provide better contrast and sharper vision, especially in low light conditions such as night driving, foggy/rainy weather. They are a popular IOL upgrade. It does not correct astigmatism.

\_\_\_\_\_  I understand that this lens is an option for me but I choose to decline

\_\_\_\_\_  I choose to select this lens for my cataract surgery

**TORIC IOL                    \$1,040 1<sup>st</sup> eye/\$665 2<sup>nd</sup> eye**

(This includes Biometry and Topography measurements)

TORIC IOLs are customized IOLs designed for patients with astigmatism. Astigmatism is a common condition in which the surface of the eye is not perfectly round and shaped more like a football. This causes images to be focused on two different points therefore resulting in blurred vision at all distances. TORIC IOLs are a good option for patients with significant astigmatism who wish to increase spectacle free independence for distance vision. This IOL also has aspheric optical properties. Near vision will still require reading glasses.

\_\_\_\_\_  Not applicable based on Biometry measurements

\_\_\_\_\_  I understand that this lens is an option for me but I choose to decline

\_\_\_\_\_  I choose to select this lens for my cataract surgery

**Multifocal IOLs**

For patients wishing to be less dependent on glasses and willing to accept some optical quality compromise, multifocal IOLs are an option. There will be symptoms such as halos, and a mild decrease in contrast of vision. However, many patients are happy to accept these symptoms to be more independent of glasses.

Patients with a history of eye disease or previous refractive surgery (LASIK/PRK) are not candidates for the multifocal IOLs.

**Symphony IOL                    \$1,610 1<sup>st</sup> eye/\$1,310 2<sup>nd</sup> eye**

(This includes Biometry and Topography measurements)

The Symphony IOL is a relatively new multifocal lens. Instead of "Splitting" incoming light into different foci for distance and near vision, the Symphony lens works by "extending" the range of good vision. Because the incoming light is not "split", patients tend to have less glare and halos. This is an option for those who would like to have good distance and intermediate vision (computer work). There is a possibility of requiring reading glasses for fine, up close print.

\_\_\_\_\_  Not applicable based on Biometry measurements

\_\_\_\_\_  I understand that this lens is an option for me but I choose to decline

\_\_\_\_\_  I choose to select this lens for my cataract surgery