

## **Advanced Glaucoma Specialists**

**Mark A. Latina, M.D. Ophthalmology**

Dear Patient,

Congratulations, you have decided to seek to improve your vision through cataract extraction. It is my goal to educate you about the options in intraocular lens technology and thereby help you understand what to expect of your vision after your cataract is removed. When cataract surgery is performed, the cataract (or clouded lens of the eye) is removed and a crystal-clear intraocular lens implant is inserted into the eye to help focus sight clearly after surgery. The use of intraocular lenses has been widely used for over forty years and today nearly 100% of all cataract surgeries are performed with intraocular lenses.

Within the past decade intraocular lens technology has significantly improved, thereby giving patients greater options for vision improvement after their cataract is removed. I seek to briefly explain the primary lens option commonly used after cataract surgery as they relate to post-operative visual function, or dependence on glasses.

### **1. The Traditional Intraocular Lens Implant**

This lens has been the most commonly used lens implant over the past forty years. As it is a single focus lens, it typically requires that most patients use glasses for both near (reading) and intermediate (computer) work. Many patients enjoy a significant improvement in their distance vision with this lens, however some choose to wear glasses for distance vision to be in focus at all times. With this lens there is a mandatory need for glasses for near tasks, therefore many patients often times obtain progressive bifocals with this lens to keep them continually in focus at all ranges of vision.

### **2. The Toric (Astigmatism Correcting) Lens Implant**

For those patients with Astigmatism, (I will point this out to you during your examination if it is applicable) this lens results in a great improvement of distance vision with a minimal dependence on glasses. This lens is also a single-focus lens implant so it will intermediate (computer) work. Many patients with this lens will see a vast reduction of their astigmatism, however in some cases mild residual astigmatism persists are VERY pleased with the reduced dependence on their glasses that this lens affords.

### **3. The Bifocal or Dual-Focus Lens Implant**

This is the finest technology has to offer our patients today! This lens functions like a bifocal lens with improvement in both distance and near vision with a vast reduction in the need for glasses. 75% of patients who choose this lens do not need glasses for any visual task. Please understand that this lens does not simulate the perfection of the human eye! Indeed 25% of those patients who select this lens will need glasses for either far distance or near visual tasks. Furthermore some patients with specific visual needs (hobbies or occupational) will even continue to use bifocals (typically with a very mild prescription) so that they can afford 100% independence from glasses for all patients at all times. Nonetheless, this is the lens that affords patients the least dependence upon glasses.

Should you have questions about this information, I am excited to answer any questions that you may have.

Sincerely,

Mark A. Latina, M.D.

Dr. Mark Latina suggest the following lens or lenses would be optimal for me following cataract removal:

Standard Monofocal Intraocular Lens

Toric (Astigmatic Correcting) Intraocular Lens

Bifocal or Dual-Focus Intraocular Lens

I have read the above information and yes, I would like to proceed with:

Standard Monofocal Intraocular Lens

Toric (Astigmatic Correcting) Intraocular Lens

Bifocal or Dual-Focus Intraocular Lens

Patient:

I have read and understand this document.

Name: \_\_\_\_\_ Date: \_\_\_\_\_