These lenses are ideal for many cataract patients. The single-focus lens implants give patients the best possible clarity at one distance, either for far away, intermediate or up close. We will discuss which point of vision is best for you. If we determine distance vision is best, you will need glasses for your near activities, like reading and sewing.

**Alcon AcrySof IQ Lens Implant**
This implant is for patients without astigmatism and gives the best quality vision, typically for distance only.

The AcrySof IQ lens is a yellow-tinted acrylic (soft plastic) lens that treats corneal aberrations and cataracts. Studies have shown this lens provides crisper, clearer vision, especially in low light conditions.

While all currently available implants filter UV (ultraviolet) light, the AcrySof IQ lens implant filters both UV and blue light, which more closely mimics the abilities of a natural human lens. Studies indicate the blue light filter helps shield the retina from damaging rays without affecting color perception.

**A safer choice for driving at night**
We think the AcrySof I.Q. lens is a safer choice for our patients as well. A recent simulated driving study demonstrated the AcrySof I.Q. lens provided an increase in stopping distance of over 130 ft. (over 1 second) as compared to a traditional lens. The ‘third’ brake light on the back of your vehicle was mandated by the federal government when it was shown to increase reaction time by .33 seconds compared to regular brake lights.

As a result of these advancements, the AcrySof I.Q. lens was approved by the FDA and given N.T.I.O.L. (New Technology IOL) status, the highest classification rating for single-vision implants. The AcrySof I.Q. lens is the most widely implanted lens in the United States and the #1 implanted lens in the world with millions already implanted.

**A few words about UV and Blue Light Protection**
The natural lens inside your eye is responsible for filtering high-energy blue light from the sun’s rays and artificial lights. As part of the aging process, your natural lens gradually turns yellow and it is thought that this change in color may help protect your retina by filtering harmful blue light waves.

*The blue light filtering of the AcrySof I.Q. lens implant is similar to that of a 25 year old human lens.*
When your natural lens is removed during cataract surgery your eye loses the ability to filter U.V and blue light. Because most available lens implants are clear and filter UV light only, a cataract surgery patient receiving one of those implants is left vulnerable to the damaging effects of blue light. Some researchers believe that overexposure to blue light may be harmful to the retina and may contribute to macular degeneration and loss of vision.

The eye surgeons of Lansing Ophthalmology offer only the best lens implant options available today and are dedicated to providing you with the best vision possible.

For more information visit:  www.CataractSurgery.com
Standard lens implants are single vision lenses, meaning they offer vision at one distance only (far, intermediate, or near). The AcrySof ReSTOR lens implant offers the possibility of seeing well at more than one distance, with less dependence on glasses than the standard single vision lens implant. These premium lens implants are available for select patients who meet specific criteria set by Lansing Ophthalmology’s eye surgeons.

Alcon AcrySof ReSTOR Lens Implant
The ReSTOR lens implant uses technology to best provide near and distance vision, but objects at intermediate distances may still be somewhat out of focus. No lens can promise you perfect vision or that you will never have to wear glasses ever again. When patients did need to wear glasses, most often it was for intermediate tasks, for example: piano music, computers that sit further away, top shelves at the supermarket.

There is often an ‘adjustment period’ with the ReSTOR lens as your brain adjusts to the new vision. It can be weeks or months before you are fully comfortable with your new vision.

Is the ReSTOR lens for everyone?
The ReSTOR lens isn’t for everybody. You must meet strict criteria to be a candidate for this lens, which will be determined through tests and analysis of your eyes. The best candidates for ReSTOR:

- Have a strong desire to see well without glasses and have realistic expectations.
- Both eyes are healthy
- You do not suffer from any disease, vision-related or otherwise, that may reduce your ability to heal properly.
- You have low amounts of astigmatism

How long has the ReSTOR lens been around?
Approved for use in Europe since April 4, 2003, the ReSTOR lens received FDA approval on March 23, 2005. The ReSTOR is made of the exact type of acrylic lens material that has been in used in cataract surgery for years, in millions of patients.

What can I expect from ReSTOR?
Our goal for you is to reduce your dependency on glasses. The ReSTOR lens will provide you with a range of functional vision. You should be able to perform most of your daily activities without the need for glasses, but you may still need to use glasses for some activities like:

- Reading fine print
- Using a computer
- Reading a menu in dim light
- Driving at night

Following surgery you will see halos or rings, particularly around sources of light. These are normal, should not be bothersome and should fade over time.

In the FDA study, approximately 5% of patients reported troublesome halos around lights at night. 95% of patients did not experience this to any significant degree. If you are one of the patients who develops this problem, it may eventually be necessary to exchange the implant to a standard lens (non multifocal) which would require you to use reading glasses.

In the event your ReSTOR lens needs to be removed and replaced, there would be no charge for this beyond any payment your health insurance plan might provide. Most health insurance plans will not pay for the ReSTOR lens but often will pay for surgery to change a lens implant. Payments made for the ReSTOR lens and associated services are not refundable.

The eye surgeons of Lansing Ophthalmology perform the full scope of advanced technology diagnostic testing and treatment, as well as take the time necessary to provide each patient with information to understand their condition and achieve the best result.

For more information please visit: www.acrysofrestor.com
Toric Lens Implant (for astigmatism)

Lansing Ophthalmology offers the AcrySof Toric lens implant, a design proven to correct for both cataracts and astigmatism simultaneously.

Implanted in the eye to restore single-distance vision after cataract surgery, the AcrySof Toric lens has a patented design for astigmatic correction. The lens is part of the Alcon AcrySof family of lens implants that are the most widely used intraocular lens for cataract surgery in the U.S. and the world.

AcrySof Toric Lens Implant.

The AcrySof Toric lens is designed to reduce corneal astigmatism and improve your functional distance vision.

The AcrySof Toric lens offers these advantages over standard lens implants:

- Correction of corneal astigmatism
- Enhanced clarity and quality of distance vision.
- Reduced dependency on glasses for distance vision.

The AcrySof Toric lens is ideal for patients who wish to be corrected for distance vision and are comfortable wearing glasses for near work. This lens does not offer the ability to adjust vision to varying distances and glasses will be required for near and intermediate tasks like reading, sewing and computer work.

In the U.S. clinical study, 97% of patients who received AcrySof Toric lenses in both eyes did not need glasses for their distance vision.
Quality of Vision Check List

This check list will assist us in providing the treatment best suited for your visual needs: if it is determined that cataract surgery is appropriate for you. It is important that you understand that many patients still need to wear glasses for some activities after surgery, but due to recent technological advances, we are now able to offer the possibility for you to be potentially free from glasses. Please fill this form out completely and return it to us.

- Are you interested in seeing well at distance without glasses after surgery?
  _____ Yes  _____ No

- Are you interested in seeing well at near (arms length and within) without glasses after surgery?
  _____ Yes  _____ No

- What activities do you enjoy/perform often?
  _____ Reading  _____ Sewing  _____ Applying make-up
  _____ Shaving  _____ Emailing  _____ Working crossword puzzles
  _____ Cooking  _____ Driving  _____ Watching TV
  _____ Golfing  _____ Computer  _____ Reading Labels on a shelf
  _____ Watching movies  _____ Other________________________

- How enjoyable would it be for you to be free from glasses for all of your daily activities?
  Very Enjoyable _____ Enjoyable _____ Somewhat Enjoyable _____ Doesn’t Matter _____

- Do you do a lot of night driving?  _____ Yes  _____ No  _____ Somewhat

- Do you use a computer on a daily basis?  _____ Yes  _____ No  _____ Somewhat

- How would you describe your personality?
  Easy Going _____  Perfectionist _____  In Between the Two _____

Please tell us about any other quality of life vision concerns you may have: __________________________
________________________________________________________________________________________

Patient Signature: _______________________________
Is surgery the only option to treat a cataract?
Just because you have a cataract does not mean that you have to have it removed. Cataract surgery only becomes necessary if you are not happy with your vision and want to see better and are not able to achieve adequate improvement with a change in glasses. Talk to your doctor if you have any questions or concerns about your vision.

Does cataract surgery hurt?
Thanks to numbing drops and medications to help you relax, this procedure involves minimal discomfort.

Will I be asleep during cataract surgery?
Since this procedure does not take very long, it is unnecessary to put you completely asleep with general anesthesia. Instead, your surgeon will use a local/topical anesthetic to numb your eye and you will remain awake during the surgery.

Who performs the procedure, a surgeon or a technician?
Your surgeon will perform the procedure. There will be a technician, nurse and a nurse anesthetist in the room to assist them.

I have cataracts in both eyes. Will the doctor treat both at the same time?
Typically, doctors will perform surgery in the second eye one to four weeks after the first eye. All patients are different, so talk to your doctor about what is right for you.

How long will I be in the hospital or surgery center?
Patients commonly spend only a few hours at the hospital or surgery center, and are allowed to go home the very same day.

How long before I can see after surgery?
Every patient and every eye is different, but patients commonly see well the day after surgery. Ask your doctor how quickly he or she expects you to recover.

How long until I can return to normal activities?
Most patients can resume normal basic activities like reading and watching TV by the next day, and return to work within one to seven days. However, results vary for different patients, ask your doctor what is best for you.

After surgery, will I be able to drive at night?
Your ability to drive at night should be enhanced once your cataract is removed. Patients with the ReSTOR® IOL may notice a ring of light around headlights and other point-light sources. These are typically mild and tend to diminish with time.

Will I need glasses after cataract surgery?
It depends on what type of intraocular lens you elect to have implanted, speak with your doctor for specific information. Patients are less dependent on glasses or contacts for distance tasks following cataract surgery with a ReSTOR® IOL or a Toric® IOL. ReSTOR® patients are also less dependent on glasses for reading and near tasks. According to the FDA study, 80% of ReSTOR® IOL patients did not need to wear glasses after cataract surgery.

Is additional surgery ever required?
Some patients, approximately 20%, require LASIK or other surgery to fine tune their vision after ReSTOR® IOL or Toric® IOL surgery. Additional fees may apply.

Can my cataract come back?
No, once a cataract has been removed it cannot return. However, over time, patients may complain that their vision has once again become cloudy. This common condition, which may occur with any type of lens, is caused by tissue behind the implant and can be easily treated by a painless laser procedure.

Who do I call if I have a problem?
Consult your doctor if you have any problems, especially if you experience decreased vision or pain.