A cataract is a progressive thickening, hardening and clouding of the lens of the eye so that light is blocked from reaching the retina. Americans have cataracts. What is a cataract? Patients cannot adjust their vision from distance to intermediate and near. Patients who had only one eye implanted, almost 100% could see well enough to read print the size of the stock quotes in the newspaper or read the phone numbers in the white pages of a phonebook.

 Benefits: The Crystalens clinical study involved nearly 500 eyes in more than 100 patients. The results showed that the patient who does not experience any loss of vision may have a cataract. The long term safety and effectiveness of this lens have not been proven. Complications from cataract surgery include infection, damage to the eye, pain, swelling, and loss of vision. The Crystalens is dynamic within the eye, moving continuously backward and forward. In the maxilla, the lens is constructed of synthetic materials and has the same look and feel as the natural lens. In the maxilla, the lens is constructed of synthetic materials and has the same look and feel as the natural lens. In the maxilla, the lens is constructed of synthetic materials and has the same look and feel as the natural lens.

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 CORNEA The transparent front segment of the eye that covers the iris and the pupil, providing most of the eye's optical power.
 OPTIC NERVE Carries the visual information captured on the retina to the visual cortex of the brain for processing.
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You should wear sunglasses with UV 400 protection when in sunlight that lens is out of shape and must be exercised back into shape. hardened and become less flexible. Therefore, the muscle surrounding as it did when you were younger since you have seen at near through a TWICE A DAY FOR 10 MINUTES A SESSION.

Among the most important things post-operatively will be for you to

What is your distance vision? Your distance vision will not significantly diminish and will improve

What will my vision be like after surgery? Your doctor will perform a thorough examination and fully inform you of

Your near vision may continue to improve for up to 12 months, especially if you are;

Frequently Asked Questions

Crystallens implantation is typically an outpatient surgical procedure. You will

Soak your eye in a container of room temperature sterile saline solution, 8
drops, and apply frequent cool compresses to the conjunctival sac to

In the human eye, a natural lens is located just behind the iris and

The actual surgery usually takes less than 15 to 20 minutes. The surgeon will

pre-op measurement. In the pre-op measurement what you are compared to a standard scale, i.e., 20/20

The Cataract

- The transparent front segment of the eye that covers the iris and

Ciliary Muscle

- The muscle of the eye which is used to control the shape of the lens.

Cataract

- The clear, thin, elastic membrane that holds the lens.

Cataract Surgery

- A surgical procedure to remove a cataract

Phacoemulsification

- A surgical procedure that removes a cataract

LASIK

- A primary eye care provider who diagnoses and treats vision

Projected Vision

- The ability to see objects in the environment

Pre-Operative Assessment

- An examination of the eye performed prior to surgery

amounts of light. The laser is used to ablate a thin layer of the

diabetic retina, or those that have had cataract surgery.

- The laser’s focused beam is reflected by the internal structures of

A laser is used to make an opening in the membrane behind the implant, removing the cataract and allowing the patient to see the natural crystalline lens and refer to the clauding of the membrane that surrounds the implant.

Acute Anterior Uveitis

- A condition of the eye that may result in severe inflammation

Hypoxia

- Also known as oxygen deprivation, hypoxia is a refractive error caused by the eye being too long,

hyaloid in the eye. The vitreous humor fills the eye after birth and

Phakic IOL

- An IOL that is placed into the eye before the natural crystalline lens

- A surgical procedure that replaces the natural crystalline lens with an

Crystalens implantation surgery is usually performed as an outpatient procedure and typically takes about 30 to 45 minutes. However, you will need a friend or family member to take you home.

• Your surgery may take 1 to 2 hours or longer, depending on the specific surgery performed and your individual situation.

• You may experience some pain or discomfort during the surgery, and you may experience some swelling and bruising afterward.

• Your vision may worsen temporarily after surgery, especially if you have had LASIK or PRK.

• You may experience some temporary changes in your vision, such as blurriness or double vision.

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