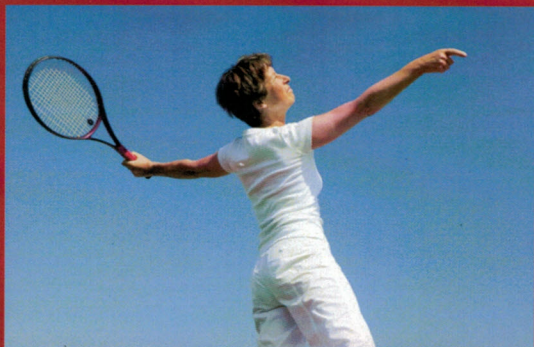


LASER CATARACT SURGERY



ABOUT CATARACTS AND CATARACT SURGERY

A cataract is a common condition in which the normally clear lens of the eye becomes increasingly cloudy. Compared to vision with a clear lens, your vision with a cataract may look fuzzy, colours might be muted, and you may experience difficulty reading signs while driving at night.



Vision with cataracts.



Vision without cataracts.

The symptoms of cataracts are progressive and can not be corrected with glasses or contacts. When symptoms become bothersome or limit your daily activities, it's time to consider treatment.

Treatment for cataracts involves removal of the cataract and replacement with an artificial lens that can restore clear vision.

Indications

Laser Cataract Surgery (LCS) is used in patients undergoing cataract surgery for removal of the crystalline lens. Intended uses in cataract surgery include anterior capsulotomy, phacofragmentation, and the creation of single plane and multi-plane arc cuts/incisions in the cornea, each of which may be performed either individually or consecutively during the same procedure.

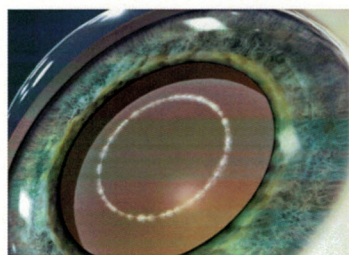
KEY BENEFITS FOR PATIENTS

Customisation with 3D imaging

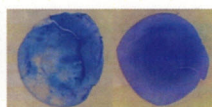
Like a fingerprint, every eye has a unique size and shape. Prior to treatment, a Laser Cataract Surgery (LCS) System images your eye and makes precise 3D maps of relevant structures. This enables your surgeon to create a tailored treatment plan that is uniquely customised for your eye.

Laser Precision

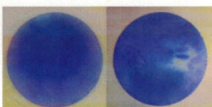
Your surgeon can use an LCS system to create laser precise incisions, including a circular opening in the lens capsule to access and remove the cataract. This precise incision helps your surgeon place the new artificial lens where intended.



Location of Circular Opening



Created by Hand

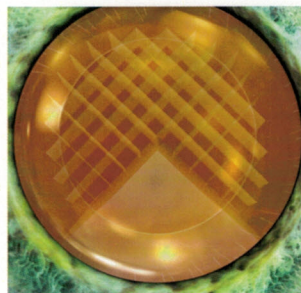


Created with a
LCS Laser

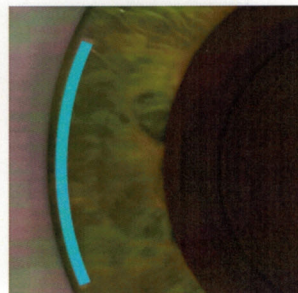
Gentle approach

Your surgeon can use the laser to soften the hard cataract. Softening the lens with an LCS System enables your surgeon to remove the cataract gently.

If you desire to see well without glasses or contacts after surgery, your surgeon may recommend a tailored treatment that could include a precise LCS System incisions in the cornea and a specific lens implant type.



Lens Softening with a
LCS Laser



Corneal Incision with a
LCS Laser

Contraindications

An LCS System should not be used if you are not a candidate for cataract surgery, have certain pre-existing corneal problems or eye implants; or if you are younger than 22 years of age. Tell your doctor about any eye-related conditions, injuries, or surgeries.

Precautions

Patients must be able to lie flat on their backs and motionless during the procedure. Patients must be able to tolerate local or topical anesthesia. Tell your doctor if you are taking any medications such as alpha blockers as these medications may affect how the doctor does the cataract surgery.



Adverse Effects

Complications associated with LCS Systems include redness on the white part of your eye, which may last for a few weeks.

Other potential risks associated with cataract surgery may occur. These risks may include but are not limited to corneal swelling and/or abrasion, lens capsular tear, infection, inflammation, eye discomfort, reduced vision.

Consult your doctor regarding all the potential risks associated with these procedures.



WHAT TO EXPECT

Quick Treatment

Cataract surgery usually takes less than 30 minutes. The LCS System of the treatment usually takes just a few minutes.

Normal Recovery

Most normal activities, except strenuous exercise, need not be restricted following cataract surgery. And your sight may continue to improve for several days or weeks after surgery.

Laser Cataract Surgery (LCS)

LASER CATARACT SURGERY SYSTEM

Many of the steps of cataract surgery that are traditionally performed using a handheld instrument can now be completed using the precision of a laser.

An LCS* Precision Laser System is designed specifically for laser cataract surgery. Thousands of patients have been treated with LCS systems.



*Laser Cataract Surgery (LCS)



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