

Lens Surgery Brochure



What is Refractive Lens Exchange Surgery?

Refractive lens exchange (RLE), also known as natural lens replacement (NLR) is a common procedure which involves replacing the natural lens inside the eye with a synthetic implant called an intraocular lens (IOL).

It is performed to correct short-sightedness, long-sightedness and astigmatism to reduce the need for glasses and/or contact lenses. This procedure can also improve vision for those suffering with cataracts.

RLE is suitable for people over 47 years of age who also need reading glasses.

Lens clarity and flexibility diminishes with age, and many older patients who notice this and choose to have their sight corrected may actually have the beginnings of a cataract in one or both eyes. Replacing the natural lens is, therefore, often the best option for sight correction, even for patients with a lower prescription, particularly if they are long-sighted. Natural lens is the main source of age related change in our prescription, therefore this treatment will also stop this progression.

Who is suitable for Corrective Lens Surgery?



If you are unable to have laser eye surgery, then natural lens replacement surgery can be a good option. The procedure is suitable for patients over the age of 40, but typically is performed on patients over the age of 47. You are potentially also suitable if you have cataracts, astigmatism, and/or very high prescriptions.

Your suitability will be subject to scans, tests, a full eye examination and consultation with one of our surgeons.

What happens during Lens Surgery?

During your initial consultation, your eyes will be scanned and tested by a specialist / consultant / eye surgeon to determine your suitability for lens replacement surgery. They will also discuss the procedure's benefits and potential risks, as well as customising your treatment.

The latest multifocal lens implant options are available at Optimal Vision to aid reading vision and provide greater freedom from glasses and contact lenses. Your surgeon will discuss all options and offer you what is best for you based on your visual needs. Surgery is usually performed bilaterally meaning both eyes together on the same day.

On the day of the surgery, anaesthetic eye drops will be administered to ensure the procedure is painless. Your surgeon will soften your existing lens using ultrasound. This is then emulsified, removed and replaced with an intraocular lens (IOL) implant (a clear artificial lens), which is held in place by the back membrane of the lens also known as the capsule.

The procedure takes approximately 15 minutes per eye and you will be able to go home the same day after being given your drops and aftercare information.

You can read more information about this procedure on our Optimal Vision Website

<https://www.optimalvision.co.uk/laser-eye-surgery-london>

What is Laser Assisted Lens Surgery and is it better than traditional methods?

At Optimal Vision, we carry out blade-less cataract surgery using a **femtosecond laser**. This is the most recent advancement in cataract surgery and is more precise than the traditional style. We started using this technology in its early days, and only a limited number of clinics offer this treatment in the UK, including us.

It is the most recent advancement in lens and cataract surgery.

Before now, traditional blades or scalpels were used to create a small opening in the eye and disintegrate the cataract ready for removal. But now, this has all changed with the use of this unique type of laser -



Welcome to the new generation of lens and cataract surgery!

This laser is designed to precisely bore an opening in the right spot within the lens and cornea making it safer and quicker with acute precision.

Lens Surgery Recovery Times And Aftercare



Recovery times for this type of surgery may vary but typically take between three to four days. It is normal for you to experience blurred vision and glare during this time, along with sensitivity and discomfort in your eye, but this will only last a few days. You will be given antibiotic and anti-inflammatory drops to help with this.

You should be able to return to work a few days after the lens replacement operation and will be able to drive after your consultant has confirmed your vision meets the standard in your follow-up appointment. Following recovery, you will benefit from improved focus and clearer distinction between colours.

What Risks are involved in this type of surgery?

RLE is one of the safest and most common procedures in the world, with more than 3 million surgeries being carried out each year in Europe alone. As is the case with all operations, there are risks involved. Complications are rare and most can be successfully treated with medication or a follow-up procedure. Your specialist consultant eye surgeon will discuss the risks with you during your initial consultation. However, your chances of having complications are significantly reduced when you put yourself in an expert's hands and in an approved clinical environment.

How successful is lens replacement surgery?

There is a high success rate with lens replacement surgery, with 96% of patients achieving vision of driving standard or better following the procedure.

You can read more information about this procedure on our Optimal Vision Website

<https://www.optimalvision.co.uk/laser-eye-surgery-london>



Why Choose Us?

One of the most reliable eye surgeries in London.

Our team of experts and doctors will take you through extensive tests to find the best solution for your visual requirements.

Unlike many eye centres, we do not offer different prices depending on the quality of treatment. Our team will not hesitate to say no if your investigations show you are not a good candidate hence why we offer non-obligatory consultations to give you the opportunity to be tested with no obligation to pay a deposit until you want to book treatment.

Based on these principles many of our patients believe that we offer the best and more importantly the safest and most reliable eye surgery in London.

- **Greater success rate**

We have an enviable success rate for providing world class service and care to the patients. High ratings of independent evaluators like trust pilot and rate meds is another examples of our commitment and dedication to our patients.

- **Top rated facilities and services**

We offer you top quality facilities and advanced technologies so that we can deliver the best possible outcomes for our patients.

- **Specialist surgeons**

Our ophthalmic surgeons are well trained and highly specialised in their fields with fellowship training and certification from Royal College of Ophthalmologist in the field of refraction.

- **Personalised approach**

At Optimal Vision, we customise our services to meet the needs of each individual so that we can attain the best results possible. At the initial consultation, our eye surgeon will perform a wide range of diagnostic tests before drawing up a treatment plan for you. You can visit the same consultant and team after your initial consultation from your treatment to every aftercare appointment. Unlike many other eye centres, you will encounter different doctors and teams in each and every one of your visits, our team remains consistent throughout your journey with us from start to finish.

- **Flexible finance options**

We believe everyone deserves to be offered the best available eye surgery and we offer an extensive range of finance options to make treatments affordable for all. It is worth mentioning that laser correction is one of the most economical options in the long term as it removes expensive costs of contact lenses or glasses.

- **Special discount offers**

We are now offering an attractive discount offer on lens surgery which is £1000 off for a limited period of time.

You can read more information about this procedure on our Optimal Vision Website

<https://www.optimalvision.co.uk/laser-eye-surgery-london>