



LASIK CATARACT  
CENTRE

# Cataract *Surgery*



[www.lasikcataractcentre.com](http://www.lasikcataractcentre.com)

**Dr. David Lane, M.D.**  
*Eye Physician & Surgeon*

**Lasik Cataract Centre**  
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## ABOUT DR. LANE:

Dr. David Lane graduated in first place at the College of Medicine, at the University of Saskatchewan in 1995. He trained in Ophthalmology at the University of Toronto, and graduated in first place in 2000. (Duncan Jamieson Prize). Dr. Lane placed in the 99<sup>th</sup> percentile in the American Board Ophthalmology Exams in 2000 (top 1% of all Ophthalmologists writing the qualifying exam in North America).

Dr. Lane has served as Chief of Surgery at the Ross Memorial Hospital, Lindsay, ON (2007 – 2010). He has lectured at many national conferences and ophthalmology meetings and is a regular guest speaker of the University of Toronto's Annual Cataract Course.

Dr. Lane has developed electronic medical records "macro-software", used by many ophthalmology clinics in Canada. He has also designed two eye surgery instruments, currently sold by Bausch + Lomb.

Dr. Lane is a very experienced eye surgeon and has performed over 45,000 refractive procedures. He and his team are dedicated to providing patients with the best possible quality of vision.

## ABOUT CATARACTS:

- A cataract is a clouding of the lens of the eye.
- Cataracts are a natural part of the aging process. Everyone will develop cataracts at some point in their life.
- Cataracts are most common in those 60 and older.
- In some individuals, a cataract takes years to develop; in others it may occur in months.

## CATARACT SYMPTOMS:

- Blurred vision that cannot be corrected with prescription glasses.
- Glare at night.
- Diminished vision in low light.

## CATARACT SURGERY:

- Cataract surgery is one of the most common operations performed worldwide.
- Most cataract surgeries take less than 20 minutes and are performed as an outpatient surgery.
- Local anesthetic eye drops and intravenous sedation assist in making the procedure virtually painless.
- Laser and ultrasound technology can be used to remove the cataract.
- Your cloudy lens (cataract) is replaced with a new clear lens implant (intraocular lens) to restore vision.
- Most activities can be resumed the following day.
- The second eye is usually treated within 2 weeks.

## ABOUT LASIK CATARACT CENTRE (LCC):

- LASIK CATARACT CENTRE is one of Canada's leading LaserVision Correction Centres, providing patients with the latest surgical technology for optimal results.
- LCC offers VICTUS femtosecond cataract laser technology.
- LCC offers refractive cataract surgery, clear lens exchange, LASIK, and PRK.



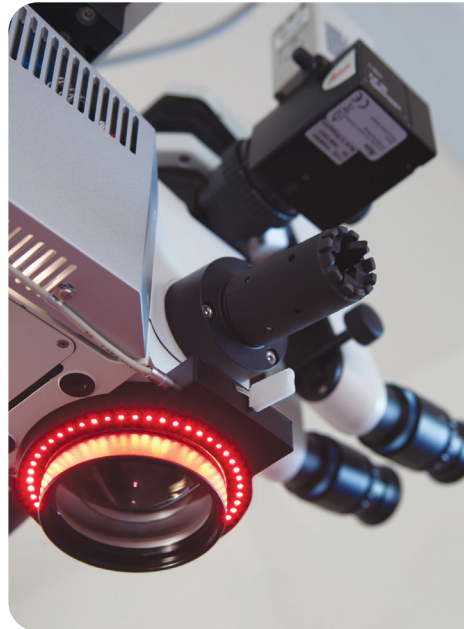
## STANDARD CATARACT SURGERY OR PREMIUM CATARACT SURGERY?

- Whether performed at a hospital or private centre, the vast majority of patients having cataract surgery do extremely well.
- Dr. Lane will discuss all the options available and help you make the best decision for your vision.
- Patients may choose a “Presbyopic Implant” to allow them to see distance, intermediate, and near without glasses. This premium implant reduces the need for reading glasses and still provides excellent distance vision.

- Patients choosing to have standard cataract surgery will be placed on waitlist for ultrasound cataract surgery, at Ross Memorial Hospital, in Lindsay.
- Patients choosing to have refractive cataract surgery at LCC, will be given a surgical date at the time of consultation, usually within 1 month.
- Refractive cataract surgery also utilizes laser technology to assist with the removal of the cataract.

## REFRACTIVE CATARACT SURGERY FOR ASTIGMATISM:

- For patients with moderate to severe astigmatism.
- Most people have eyes shaped like basketballs, while some people have eyes shaped like footballs (astigmatism).
- Standard OHIP-covered implants do not correct for astigmatism.
- Toric implants correct for astigmatism. These implants can correct high degrees of astigmatism, and can still be combined with laser treatment for best results. Laser incisions and enhancements alone, will not correct moderate to higher degrees of astigmatism.
- Special pre-operative testing will determine if a toric implant is ideal. Without a toric implant, patients with moderate to severe astigmatism will require prescription glasses for all distances.



## REFRACTIVE CATARACT SURGERY AND READING:

- After cataract surgery patients typically need prescription glasses for computer work, reading, and seeing the car dashboard. Bifocals, trifocals, or progressive lens may be used.
- The standard hospital implant does not correct for intermediate and near vision.
- Some patients may prefer not to have to wear prescription glasses after cataract surgery. If so, Presbyopic Implants are a good option.
- Presbyopic implants are specialized implants that provide distance, intermediate, and near vision in the same eye.
- This is the best option for people who do not want to wear glasses after cataract surgery.

## SCHEDULING CATARACT SURGERY:

- Referral by your optometrist - Your cataract is initially diagnosed by your eye doctor. Upon diagnosis, you will be referred to Dr. Lane.
- Surgical consultation with Dr. Lane:
  - There are no fees for your consultation.
  - As your eyes will be dilated, please come with a driver to your appointment.
  - The entire consultation process will take about 1 hour.
  - During the consultation, specialized measurements will be taken to help select the most suitable intraocular lens for you.

# LCC REFRACTIVE OPTIONS:

## 1. Full Correction

- Presbyopia (near vision) is corrected using a special lens implant
- Astigmatism is corrected using femtosecond laser
- Distance, intermediate and near vision corrected
- This option gives the most freedom from glasses
- Laser measurements included

## 2. Partial Correction

- Astigmatism is corrected using femtosecond laser
- Distance vision corrected
- You will need to wear glasses for intermediate (computer) and near vision (reading, cell phone)
- Laser measurements included.

# HOSPITAL OPTIONS:

## 1. Upgraded Laser Measurement

- Laser measurements are 5x more accurate to determine the correct implant power.
- You will need glasses for distance, intermediate, and near

## 2. Standard Ultrasound Measurement

- Standard measurement fully covered by OHIP
- You will need glasses for distance, intermediate, and near



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