

Better vision for all



Our difference

The Lions Eye Institute is both a **highly respected research institute** and a **world-class ophthalmic clinic**.



At the Lions Eye Institute we translate research into practical outcomes that **save people's sight**.

Every day, our researchers push the frontiers of science to understand the causes of eye disease and, supported by our specialist clinical trials unit, develop new and innovative treatments.



Our dedicated ophthalmologists tailor these treatments to provide you with the best possible eye health care.

We are proudly a not-for-profit Western Australian organisation.

Your vision means everything to us.



Our vision

Our **vision** is the reason we do what we do.



Every day our dedicated team works towards our core purpose – **to prevent and cure blindness and eye disease**.

We aim to make a difference to people's lives through sight-saving research and treatments.

Our vision?

Better vision for all.



Our values

Our values don't just **govern the way we operate internally**; they also reinforce **how we interact with you**, our patients and supporters. They are the principles that help guide us in the work we do.



OUR GUIDING PRINCIPLES



Integrity: we do what we say we're going to do, and are accountable, transparent and responsible in our actions.



Care: we consider and respect our patients, collaborators and each other.



Curiosity: we ask questions, are interested and never stop learning.



Impact: we make a positive difference to the lives of others and the communities in which we operate.



Unity: we support each other and work as one to achieve common goals.

About us



Clinical services (page 6)

World-class ophthalmology services including **eye examinations, treatment and day surgery** in our Nedlands, Murdoch, Midland and Broome clinics. Laser vision correction with Western Australia's first laser vision clinic, Lions Laser Vision. Comprehensive optometry services through Lions Optics. Active clinical trials based right here in Perth.

Research (page 8)

Five priority areas of translational research supported by our award-winning researchers. Purpose built research laboratories using **state-of-the-art equipment** and techniques. An enduring commitment to find solutions to serious blinding eye diseases.

Community and education (page 12)

Addressing the unique challenges of delivering quality specialist eye health care to **rural, remote and Indigenous** communities through Lions Outback Vision. Sharing our expertise through partnerships locally and globally. Eye tissue donation with the Lions Eye Bank.

Clinical services

The Lions Eye Institute is home to many of Western Australia's **top** ophthalmologists. We treat a **full range** of eye conditions including:

Age-related macular degeneration	Dry eye and blepharitis	Inherited retinal disease	Pterygium
Amblyopia (lazy eye)	Fuchs' dystrophy	Kerataconus	Ptosis
Astigmatism			Retinal detachment
Cataract	Glaucoma	Myopia	Strabismus
Diabetic retinopathy	Hyperopia	Optic neuropathy	Uveitis

Dedicated, experienced and professional. Our team is the foundation of the Lions Eye Institute's success.

Our **ophthalmologists** are internationally recognised as leading the field in providing the highest quality eye care. Between them, they cover the full range of ocular sub-specialties as well as general ophthalmology. Many of our ophthalmologists are also involved in medical research at the Institute.

Our highly-experienced team of **nurses, specialists and support staff** work together with our ophthalmologists to ensure you

receive the highest quality eye care now and into the future.

At our Nedlands clinic, our friendly **volunteers** in red vests are among the first people you will encounter when you walk through our doors. They are on hand to help make your visit to our clinic a seamless experience.

Above all, our staff and volunteers share the common goal of providing you with the **very best treatment and care.**



Ophthalmology and day surgery

The Lions Eye Institute is one of the largest ophthalmology practices in Australia with clinics in Nedlands, Murdoch, Midland and Broome. Our ophthalmologists provide services to over **50,000 patients** in Western Australia every year.

Laser eye surgery

Lions Laser Vision is a **world leader** in laser eye surgery, with over 30 years' experience. Lions Laser Vision was the first refractive laser centre in Western Australia and specialises in LASIK, the most commonly used laser surgery method in Australia.

When you see your ophthalmologist in our clinics, you are supporting our research.

Optical services

Lions Optics offers a **full range of optical services** including comprehensive eye testing by qualified optometrists, low vision aids, contact lenses and a large range of budget and designer frames.

Clinical trials

As home to one of the largest ophthalmology clinical trials units in the world, we are uniquely placed to offer you the **most advanced treatment available anywhere in the world** – sometimes before they are available to the general public.

Research

Globally renowned. Based right here in WA. Our focus is **your eye health**.

Research is the beating heart of **medical advances**. It is a powerful force, asking questions, seeking answers and delivering solutions that translate into improved treatments and positive patient outcomes. That quest for knowledge and its life-changing applications for patients is what drives our work.

The Lions Eye Institute has a stellar track record for leading the field in eye health research and this is supported by our **award-winning researchers, cutting-edge research laboratories and stringent governance framework**.



The people behind our research and discoveries

Our dedicated medical researchers are **global leaders** in their fields of study and are responsible for developing the treatments of tomorrow.

They are recognised around the world for their commitment to preventing and curing blindness and eye disease.

Medical breakthroughs are in our DNA

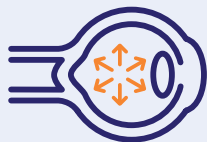
Eye disease is the **most chronic condition** in Australia. Our five priority research areas target a number of key eye diseases affecting people both locally and globally.

Five priority research areas

- 1 Glaucoma
- 2 Diabetic and vascular retinopathies
- 3 Indigenous and community eye research
- 4 Genetic eye disease, gene therapies and macular degeneration
- 5 Cornea, ocular surface and ocular immunology

Research

Glaucoma



Glaucoma is the third most common cause of blindness globally and causes 14 per cent of blindness in Australia. Researchers at the Lions Eye Institute were the first to measure pressure distributions across the optic nerve, leading to the creation of devices such as the **XEN® gel stent**, now **used world-wide** to treat glaucoma.

Diabetic and vascular retinopathies



Vascular diseases of the retina are a growing contributor to blindness all over the world. The prevalence of diabetes has doubled in Australia over the past 20 years, with 15 per cent of people affected having diabetic retinopathy. Our research includes detecting and monitoring early changes in the eye due to diabetes, and **developing treatments to improve quality of life.**

Indigenous and community eye research



In our Indigenous communities, vision loss is three times more common than in the non-Indigenous population. We **lead national studies** into glaucoma genetic risk assessment and screening of high-risk family members in remote Australian communities. For those with advanced vision loss, we are investigating the use of **adaptive technology.**

Genetic eye disease, gene therapies and macular degeneration



Single gene causes of eye disease, such as retinitis pigmentosa and Stargardt disease, are the most common cause of blindness in the working-age population. The key to treating these diseases is **detailed clinical information about genetic history.** We are the only eye research centre in Australia with an active natural history study in genetic eye diseases and age-related macular degeneration.

Cornea, ocular surface and ocular immunology



Many blinding eye diseases are recognised as having an immune or inflammatory basis, such as uveitis and keratitis. Inflammation can profoundly affect vision by leading to retinal degeneration or damage to the cornea. We are working towards **developing effective treatments** by harnessing the beneficial properties of the immune system.

When you choose the Lions Eye Institute for your treatment, you are directly supporting our sight-saving research.



Community and education

The Lions Eye Institute has a **strong commitment** to providing eye health services and undertaking research in rural, remote and Aboriginal and Torres Strait Islander communities. Our work **supports eye tissue transplants** across Australia and overseas, and we are involved in the **teaching and training** of the next generation of eye health professionals.

Lions Outback Vision

Lions Outback Vision is an award-winning outreach eye health service that works to prevent blindness and vision loss among patients in regional and remote Western Australia.

Lions Outback Vision delivers services through:

- **The outback Vision Van:** a mobile eye health clinic which travels to rural and remote areas of Western Australia.

- **Lions Outback Vision Kimberley Hub:** a Broome based clinic delivering eye health services to the Kimberley and the Pilbara.
- **Visiting optometrists and ophthalmologists** at regional hospitals.
- **Ophthalmology and optometry clinics** at Derbarl Yerrigan Aboriginal Medical Services.



Education

Across Australia there is a growing need for optometrists with ophthalmic experience. Launched in 2021, the optometry school at The University of Western Australia (UWA) was the first of its kind in Western Australia. Our partnership with UWA enables **optometry students to gain real-world experience of ophthalmology** through placement opportunities.

Our ophthalmologists are also **very committed to teaching in Australia**, with commitments in each of Perth's teaching hospitals.

The Lions Eye Institute is making our **skills and knowledge accessible** through inter-university and ophthalmic research and training collaborations across developing Asian nations such as Indonesia.

Lions Eye Bank

The Lions Eye Bank was established in 1986 and is the only facility in Western Australia that coordinates the **collection, processing and distribution of eye tissue**.

All donor tissue is used for either transplantation, ethically approved research, or surgical training with the consent of the donor's family.

This tissue is crucial for advancing research and developing treatments.





History

The Lions Eye Institute was founded in 1983. Today, the Lions Eye Institute is a **global leader** in eye health research and care.

However, the origins of the Institute can be traced back to the words of humanitarian and disability advocate Helen Keller, who in 1925 appealed to Lions members all over the world to become “**knights of the blind**” in a “**crusade against darkness**”.

1970

Western Australian Lions form the **Lions-Save Sight Foundation (WA) Inc.** to drive the development of the highest standard of ophthalmic care.

1975

The Lions-Save Sight Foundation (WA) Inc. **establishes the Lions Chair in Ophthalmology** at The University of Western Australia, and invite a young Harvard University-based Australian ophthalmologist, Professor Ian Constable, to take up the role.

1983

Professor Constable **founds the Lions Eye Institute**, a not-for-profit organisation established to provide better vision for all. Under his guidance, the Lions Eye Institute rapidly becomes a world leader in medical research into blindness.

1996

The Lions Eye Institute’s **research facilities open.**

1997

We perform the **first LASIK (laser eye surgery)** procedure in Western Australia.

2005

Lions Eye Institute **clinic opens in Murdoch.**

2013

Lions Outback Vision officially launched.

2018

Professor Constable AO formally acknowledged as **Patron** of the Lions Eye Institute.

2019

Lions Eye Institute **clinic opens in Midland.**

2021

Lions Outback Vision Kimberley Hub opens in Broome.

Making a difference to people's lives

Our focus remains providing the **best possible treatment outcomes** to people just like you.

For patients like Gaye, access to specialist knowledge, cutting-edge treatments and the latest research are **literally a sight-saver**.

Gaye suddenly lost vision in her right eye, as she was getting ready for work one morning. After being referred to Professor Ian McAllister at the Lions Eye Institute, she was diagnosed with a **central retinal vein occlusion**. Gaye had effectively endured a stroke in her eye.

Until recently there was no permanent, curative treatment for Gaye's condition and most people with the disease suffer permanent vision loss. Luckily when Gaye met Professor McAllister he was conducting a **clinical trial for a ground-breaking new treatment**, developed at the Lions Eye Institute.

As part of the trial, Gaye had a specialised laser treatment to create a



Professor Ian McAllister with patient Gaye.

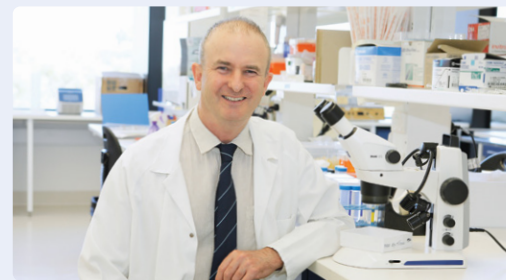
bypass for her blood to travel through. She then started injections in her eye a month later.

By creating a bypass, Professor McAllister tackled the cause of Gaye's condition – **permanently restoring her sight** and keeping the injections she needed to a minimum.

Gaye said she felt comforted knowing she was in the best possible hands. She no longer requires treatment and is back to driving, working and spending time with her beloved grandkids.

“Professor McAllister and his team were lifesavers. They were all so caring, positive and efficient. I wouldn't have eyesight today if it wasn't for them,” Gaye.

Your support means the world to us



Yes, I want to save sight



Please accept my donation of:

Donations over \$2 are tax deductible

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Card no: _____

Expiry date: ____ / ____

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Please send me information on how I can include the Lions Eye Institute in my Will.

I have already provided for the Lions Eye Institute in my Will.

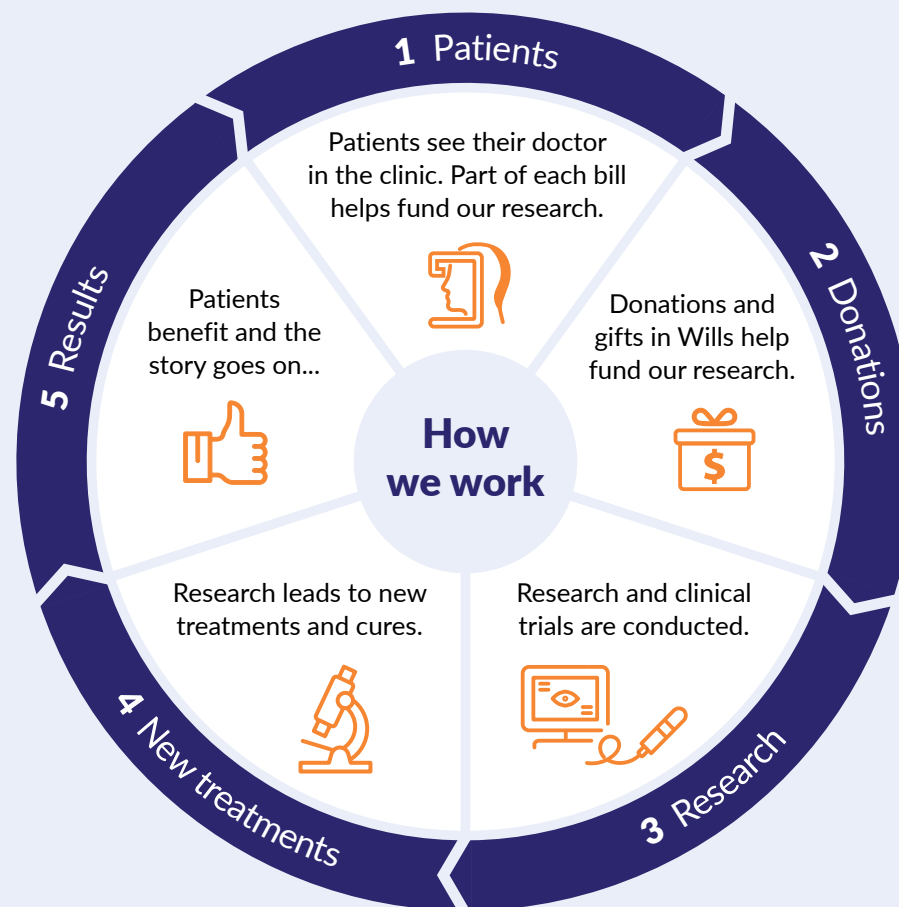
Please tick here if you would like your name included on our recognition board, on our website and in our annual report.

Mail to: **Lions Eye Institute**
(no stamp required) **Reply Paid 62815**
Nedlands WA 6009



Your donation helps eradicate blindness.

The Lions Eye Institute is a not-for-profit organisation



You can help us achieve better vision for all by making a tax-deductible donation towards sight-saving research.

To donate Call (08) 9381 0777 Visit lei.org.au/donate
Complete the **donation form** (opposite page)

