



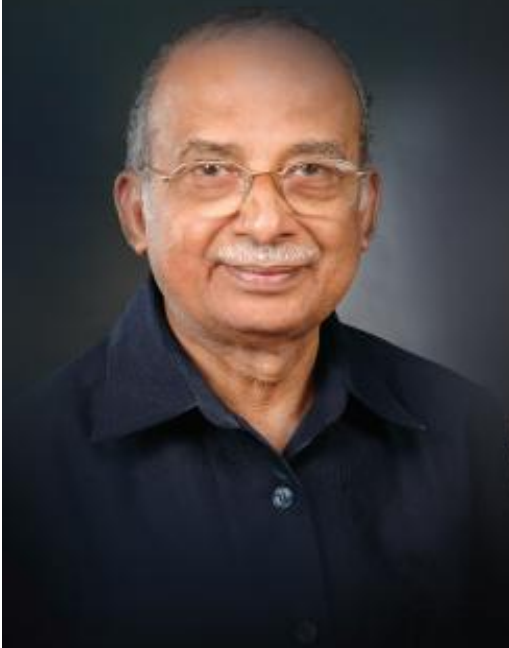
From Darkness Lord  
Your Shining Light



## Dr. TONY FERNANDEZ EYE HOSPITAL

SUPER SPECIALITY EYE INSTITUTE &  
LASIK CENTRE

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



DR. TONY FERNANDEZ  
EYE HOSPITAL

SUPER SPECIALITY EYE INSTITUTE &  
LASIK CENTRE

# DR. TONY FERNANDEZ EYE HOSPITAL

SUPER SPECIALITY EYE INSTITUTE &  
LASIK CENTRE

Dr. Tony Fernandez Eye Hospital is an initiative of eminent and renowned ophthalmologists under the leadership of Dr. Tony S. Fernandez, recipient of Padma Shri and BC Roy awards from the President of India. Five years ago Dr. Tony Fernandez started this hospital at Aluva, and Dr. Freddy T Simon is acting as the Managing Director of the hospital since its inception in 2008.

It has been established with the intention to provide quality eye care at an affordable price. Our main focus is the treatment and care of patients from all levels with a wide range of eye problems from common complaints to rare conditions which need treatments and not available elsewhere in the state. It has been structured according to International standards and provides eye care through different super specialities with full time consultants.

Our specially designed outpatient department and surgical facilities together with the patient oriented approach and dedicated effort from our medical, paramedical and management staff combined with competent support services make our hospital unique in this field.

Apart from the clinical services hospital provide training to Ophthalmologist, Optometrist and Opticians.





Dr. Tony Fernandez being honored with PADMASHREE, the country's prestigious award by the president of India Smt. Prathiba Patil



Chairman



Dr. Tony Fernandez  
MBBS, MS, DO(Lon), FIMA, FRCS (Glasg.)

Managing Director



Dr. Freddy T. Simon  
MBBS, MD(AIIMS)  
FRCS(Ed), FRCS(Glasg), DNB



# DEPARTMENTS & SERVICES

## Vitreo - Retinal

Vitreo-retinal surgery refers to any operation to treat eye problems involving the retina, macula, and vitreous fluid. These include retinal detachment, macular hole, epi-retinal membrane and complications related to diabetic retinopathy.

- Diabetic Vitrectomy
- Buckle Vitrectomy
- Vitrectomy – Suture less
- Scleral Buckle
- Macular Hole
- Membrane peeling
- Membranectomy
- IOFB Removal
- Endophthalmitis Vitrectomy
- Scleral Fixation of IOL

## Medical Retina

Conditions treated by clinicians in this service include age-related macular degeneration (AMD), retinitis pigmentosa, diabetic retinopathy, retinal blood vessel blockages and inflammation at the back of the eye (uveitis).

- Laser for Diabetic Retinopathy
- Intra vitreal Injections (Accentrix, Lucentis, Avastin, Macugen & Ozurdex)
- PDT
- Barrage laser for retinal holes

## Strabismus (squint) & Paediatric Ophthalmology

Our children's service covers all major types of eye condition. These include squints (strabismus) and lazy eye (amblyopia), refractive errors, problems with the eye socket, tear glands and lids, anophthalmia and microphthalmia (for children born without eyes or with very small eyes), cataracts, external and corneal diseases, genetic conditions, glaucoma, retinal disorders, and inflammatory eye conditions (uveitis).

Squint Surgery –Horizontal, vertical & oblique muscle surgeries Squint under GA

### Nystagmus Surgery



BEFORE SURGERY



AFTER SURGERY

## Cornea

Cornea department mainly deals with the Congenital and hereditary cornea disorders, Corneal infections, Allergic eye diseases, Keratoconus and other corneal degenerations, Immunologic disorders of cornea, Ocular surface disorders including severe dry eye, blepharitis, chemical injuries, Stevens Johnson's syndrome, Ocular surface tumors, Refractive errors

C3R Normal  
C3R with Hypotonic  
Keratoplasty  
Triple (Keratoplasty + Cataract)  
Corneo Scleral Tear Repair  
Penetratingkeratoplasty  
Lamellar corneal surgeries  
Refractive corneal surgery  
Ocular surface reconstruction surgeries  
Collagen Cross Linking for keratoconus



BEFORE TREATMENT



AFTER TREATMENT





## General Ophthalmology & Cataract

This deals with the general eye problems, cataract and those that might need referral to one of our more specialist services.

Phaco Emulsification Surgery (Cold Phaco with Micro Incision)

Small Incision Cataract Surgery (SICS)

Lens Removal

Secondary IOL

AC Wash

All categories of Intra Ocular lenses (IOL) (Indian & Imported, Unifocal & Multifocal, Rigid & foldable)

## Glaucoma

Glaucoma refers to a group of eye conditions that leads to damage to the optic nerve. In most cases, damage to the optic nerve is due to increased pressure in the eye, also known as intraocular pressure (IOP).

Yag laser peripheral Iridotomy

Diode laser cyclophotocoagulation

Incisional Surgeries

Combined Glaucoma & Cataract Surgery

Trabeculectomy with antimetabolites/Ologen

Trabeculectomy + Trabeculotomy

Glaucoma drainage device surgery

## Orbit & Oculoplasty

Conditions treated by clinicians in this service include: watery eye; droopy eyelids; in-turning eyelids; misdirected eye lashes causing corneal abrasion; thyroid eye disease; orbital tumours and fractures; and facial and lid tic (for example, blepharospasm).

Lid Suturing

DCT

Socket Reconstruction &  
Mucous Membrane Grafting

Ptosis

Entropion

Blepharoplasty

Tarsorrhaphy

Neostigmine Test

Evisceration



BEFORE TREATMENT



AFTER TREATMENT



The First Blade Free LASIK Centre in Kerala  
Live your life. Improve your vision.

## LASIK - REFRACTIVE SURGERY

The refractive surgery team uses precision laser eye surgery techniques and specialized lens implants to correct focusing problems such as short sight (myopia), long sight (hyperopia), irregular focus (astigmatism) and loss of reading vision (presbyopia).

We use the FDA, NASA & US Army approved iLASIK machine for the Lasik Surgery. The iLASIK platform, which we use in our institute, utilizes Advanced CustomVue technology with the Star 54 IR excimer laser system and WaveScan WaveFront system, as well as the Intralase FS femtosecond laser

- World's most modern LASIK Technology (VISX & Femtosecond)
- Customized Treatment (Treatment accordance to structure of each eye)
- From low power to high power precise correction technology
- With help of most modern devices such as Pentacam, Wave scan avoid complexity of LASIK treatment





# BEGIN A NEW VERSION OF VISION WITHOUT OBSTACLES



100%  
Blade-Free  
Lasik  
Treatment

NASA  
US Army &  
FDA approved  
Lasik Treatment

**iLASIK™**  
**100% BLADE-FREE**  
Lasik Treatment

Experience life's moments in a clearer way with the iLASIK procedure.



# SUPPORT SERVICES

## Ocular Prosthetics

The team here fits and manufactures a complete range of custom-made ocular prostheses (artificial eyes).

Artificial eyes can be provided to people who have had their eye removed (enucleated or eviscerated) which is very rare, or to people who have damaged eyes, small eyes, or other eye-related conditions.



BEFORE TREATMENT

AFTER TREATMENT

## Eye Bank

The hospital functions as an operating centre of DARSANA EYE BANK, a joint venture of Dr. Tony Fernandez Eye Hospital, IMA Madhya Kerala, Kerala Action Force and Residents Associations. The Darsana Eye Bank is a charitable society and it is registered with the Eye Bank Association of India. The main purpose of the Eye bank is to procure and preserve eyes for corneal transplantation and to spread the message of eye donation among the people. It is well operated with experienced technicians and administration in the eye collection field.

### Services Offered:

24 hours cornea collection

Eye donation promotion campaigns

Eye donation counseling

Eye bank contact Number: 9037400400



## Low vision assessment (LVA)

Where good vision cannot be achieved with spectacles or contact lenses, patients can be assessed in our low vision clinic.

During a low vision assessment, one of our optometrists will perform an examination to identify any refractive errors (problems with focusing) and demonstrate low vision devices such as specialist spectacles, magnifiers or telescopes that could help you see better. Spectacle dispensing.



## Optical Shop

Our dispensing opticians interpret the prescription created during a refraction test and advise on the best spectacle lens type and design to achieve the best possible visual and cosmetic outcome.

The range of frames that we stock is aimed at all age groups, taking into account current trends and fashions.



## Contact Lens Clinic

We provide Contact Lens for Refractive errors, like Myopia, Astigmatism, Hypermetropia and Keratoconus. CL available at our clinic.

- Soft CL
- Toric CL
- Kerasoft
- Rose K
- RGP (semi soft)



## Counselling

We provide counselling services for emotional support, information and advice for patients and their relatives at the time of diagnosis, throughout treatment and during follow-up. This is a confidential, face-to-face service in which patients are seen for an initial assessment and then offered further input as appropriate.



## Biochemistry Lab

This forms an important part of patient care and management. As the incidence of diabetes increases in the general population, the diagnostic laboratory plays a crucial role in diagnosis and control of diabetes in our patients. All the basic tests required in clinical biochemistry, clinical pathology, Serology and Hematology are being carried out. The laboratory is equipped with automatic biochemistry analyzer and accessories.



# TRAINING & EDUCATION



## DNB

National Board of Examinations has approved our hospital as an authorized centre for training DNB candidates. Every year we take 2 candidates (1 Primary and 1 Post Diploma) for training in ophthalmology.

## B.Sc Optometry

Our hospital is one of the partner institutes of Bharathiar University, Coimbatore for training optometrists. Every year 30 seats are available for the B.Sc. optometry course and the admission is purely on the merit basis. Eligibility is Higher secondary or equivalent in science subjects. The duration of the course is 4 years including 1 year compulsory internship in the final year.

## Optical Fitter Course

We also provide training in Optical fitting. It is a short term (3 months) certificate course with practical orientation. Maximum 10 candidates can be trained in our institute at a time.



# EQUIPMENTS & FACILITIES



## **CIRRUS HD-OCT 500**

by Carl Zeiss for the management of Glaucoma, retinal and corneal disease.



## **The Alcon Accurus**

Which is the state of the art system for complicated retinal surgery. This vitrectomy system is one of the most advanced system in this filed .It incorporates the 3D (dual dynamic drive) sys-tem and is compatible with 23 G and 25 G procedures.

## Ophthalmic Laser

Nidek GYC-1000 Green Laser With  
Laser Indirect Ophthalmoscope.



## Iridex Red Laser with Indirect Laser Delivery System

The Iridex Red Laser with endolaser delivery for delivery of laser during surgical procedures including vitrectomy and the Glaucoma G probe for diode laser cyclophotocoagulation.

## Nidek Yag Laser

This state-of-the-art machine with both slit lamp and indirect system makes treating retinal lesions at any location possible with maximum effect. This is used in treating retinal conditions including diabetic retinopathy, proliferative retinopathy, macular pathologies and retinal breaks only to name a few.



## Topcon Fundus Camera TRC 50 DX

For the diagnosis of condition in the retina and its blood supply by fluorescein angiography ICG and for retinal photography.



## Corneal Collagen Crosslinking with Riboflavin (C3R)

Corneal collagen crosslinking with Riboflavin(C3R) is a new treatment for the stabilisation of keratoconus and in postlaser keratectasia where after the exposure of the cornea to Riboflavin dye the cornea is exposed to the special UV light.



## The Pentacam HR

for the Corneal analysis and Lasik workup



## Ocular Response Analyzer

for the management of Glaucoma and Corneal diseases



## The Alcon Infinity Vision System

for advanced Cold Phaco Micro incision Cataract Surgery



## Topcon Photo Slit Lamp

for better imaging and diagnosis

### Sonomed 5500 AB Scan



The Sonomed 5500 combined A and B scan for finding out pathology in the posterior segment of the eye and also for calculating IOL power before cataract surgery.

### Nidek Autorefractor



For accurate prescription of glasses and to know the corneal curvature

### The Humphrey Field Analyzer HFA 720I



Is for the recording of visual fields in Glaucoma and neurological conditions with the HFANET for networking. This has also got the latest for Glaucoma progression analysis called Guided Progression Analysis and Visual Field Index

### Corneal Topography System TMS - 4







### Moeller-Wedel (Haag-Streit) Hi-R 900 Surgical Microscope

High Resolution Optics (apochromatic)  
Strong Red Reflex  
Quick Reaction of Zoom, Focus, and XY  
Movements  
Large Stereo Base (25 mm) for high  
depth perception  
Eye Protection Filters  
Power Zoom 1:6



World Standard Microscopes for  
Precision Eye Surgeries OPMI 1 FR pro  
Surgical Microscope by Zeiss

## Lense meters



**Huvitz HLM 7000  
by Korea**



**Nidek LM 1000  
by Japan**

For accurate verification of all types of  
spectacle lenses including progressive

## Tonometers

To measure the accurate Intra Ocular  
Pressure (IOP) at various groups and  
situations



**Nidek Non Contact  
Tonometer**

### Reichert Tono-Pen



**Icare Rebound  
Tonometers**

# OUTSTANDING SURGEONS AT YOUR SERVICE

## Ophthalmologists

Dr. Anabi Shahi A MBBS, DO, DNB, MS (General Ophthalmology, Cataract, Medical Retina & UVEA)

Dr. Binu Balan MBBS, DOMS, DNB, FICO (Cataract, Squint & Paediatric Ophthalmology)

Dr. Deepthy Menon MBBS, DOMS, DNB (General Ophthalmology & Cataract)

Dr. Durga Prasad Nayak Y.G MBBS, MS (General Ophthalmology & Cataract)

Dr. Freddy .T. Simon MBBS, MD, DNB, FRCS (Ed), FRCS (Glasg.) (Cornea, Cataract & LASIK)

Dr. Pratik Ranjan Sen MBBS, DO, MS (Vitreous Retinal Surgeon & Medical Retina)

Dr. Revathy Ramesh MBBS, DO, ICO (General Ophthalmology & Cataract)

Dr. Sonia .K. Njavally MBBS, MS, Fellowship In Glaucoma (Glaucoma & Cataract )

Dr. Sheena Liz Mani MBBS, DO, DNB, FRCS (Vitreous Retinal Surgeon & Medical Retina)

Dr. Suchitra Ramanandam MBBS, MS, DNB (General Ophthalmology)

Dr. Tony Fernandez MBBS, MS, DD(Lon), FIMA, FRCS (Glasg.)  
(General Ophthalmology, Cataract & LASIK)

Dr. E.J Mani MBBS, MS (General Ophthalmology)

Dr. T.P Ittyerah MBBS, MS, M.Phil (Retina & Uvea)

Dr. E Ravindra Mohan MBBS (AIIMS, New Delhi), MD (AIIMS), FRCS (Ed) (Orbit & Oculoplasty Surgeon)

Dr. Jyothi K MBBS, DO, Fellowship (TERF), MBA (General Ophthalmology & Cataract)

Dr. Rani Joseph MBBS, DO (General Ophthalmology)

## Anaesthetists

Dr. Yvonne Fernandez MBBS, DA (Sr. Anaesthesiologist)

Dr. Rani John MBBS, DA (Anaesthesiologist)





OPERATION THEATRE



PHARMACY



DAY CARE



OPTICALS

**DR. TONY FERNANDEZ**  
**EYE HOSPITAL**  
SUPER SPECIALITY EYE INSTITUTE &  
LASIK CENTRE



CLASS ROOM



# Dr. TONY FERNANDEZ EYE HOSPITAL

SUPER SPECIALITY EYE INSTITUTE &  
LASIK CENTRE

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

High Road, Aluva, Cochin, Kerala, India-683 101.

Tel: 0484 2922571-75 (5 lines), 2633370/72

Fax: 0484 2633372, E-mail: [stfmedicare@gmail.com](mailto:stfmedicare@gmail.com)