NeoRetina Eye Institute

The NeoRetina Eye Institute is a tertiary care referral eye hospital that focuses on specialty retina care that is both economical and accessible. By concentrating on disorders of the retina, vitreous, macula and uvea, NeoRetina seeks to address the current lack of retinal specialists and services in Hyderabad.

Cataract disorders currently account for 44% of all cases of blindness in India. Of the remaining, cases a substantial 11% are due to retinal diseases. While cataract blindness is being aggressively addressed by all eye hospitals, other eye problems – especially retinal diseases – emerge as significant due to both epidemiological and demographic transition.

As most efforts and resources for the prevention of blindness in India are focused on cataract disorders, the country lacks an effective service delivery model for retinal disorders (such as diabetic retinopathy, retinal degeneration and retinal detachment), ocular trauma and childhood blindness. Due to this lack of focus, Andhra Pradesh has no retinal specialist or institute in all the districts of Telengana and Rayalaseema – a large unmet need for specialty eye hospitals.

The NeoRetina Eye Institute (NEI) aims to bridge this gap by positioning itself as a tertiary care referral eye institute with an emphasis on retinal disorders. NEI aims to be among the top eye institutes in Hyderabad, with the best in infrastructure, equipment and medical skills.

NEI is manned by an experienced team of eye surgeons, optometrists, trained nurses and technicians led by a core team of experts. The institute also has a state-of-the-art operation theatre complex equipped with the latest operating microscopes, microsurgical equipment and anesthesia workstations that is designed to handle complex retinal surgeries. Finally, with a constructed area of 8,500 sft, a 20-bed in-patient ward, and surgeons and staff on call around the clock, NEI can address the full range of retinal disorders as well as ocular trauma, emergencies, and other eye care requirements.

NEI offers patients quality retinal care through:

a. Affordability – By employing a strategy that involves tiering and differential pricing, NEI aims to provide affordable and high-quality service to all sections of society.

b. Accessibility – NeoRetina is located at the centre of Hyderabad, very close to major bus stops and one of Hyderabad’s two main railway stations.

c. Availability – Due to the unpredictability of retinal disorders and the need for quick and frequent consultations, patients can visit NeoRetina whenever necessary and without a prior appointment.

In addition, ProVision offers state-of-the-art ophthalmic diagnostics on the NEI premises. Through Digital Fluorescein Angiography, Optical Coherence Tomograms (OCT – both posterior and anterior), visual field analysis, Ophthalmic Ultrasound, Visual Evoked Potential (VEP), Electrotoretinogram (ERG) and Electrooculogram (EOG), ProVision enables us to make an accurate diagnosis even in rare degenerative retinal diseases.

NeoRetina is located at Chapel Road, Abids, Hyderabad, and is accessible to out-of-town patients arriving by bus or by rail. NeoRetina is a distance of 1 km from the Nampally railway station, 4 km from the Mahatma Gandhi bus station, 5 km from the Kachiguda railway station, and 500 meters from the Public Gardens and Nizam College bus stops respectively.

Comprehensive Services
NeoRetina is a specialty retina eye institute, and offers patients the best in medical and surgical retina care. Our services include:

- Retina, vitreous and macula consultations
- Advanced vitreoretinal surgeries for Retinal Detachment, Vitreous Hemorrhage, Diabetic Vitrectomies, Macular holes and Epiretinal Membranes
- Ocular Trauma and Emergencies – Endophthalmitis Management, Corneo-scleral wound repairs etc.
- Retinopathy of Prematurity – screening, lasers and surgeries
- Screeing of diabetics, hypertensives for retinopathy
- Age-related macular degeneration (ARMD) – screening, diagnostics and management
- ProVision in-house ophthalmic diagnostic center – FFA, ultrasound, OCT, Visual fields, VEP, ERG/EOG
- Lasers for Diabetic Retinopathy and other retinal vascular disorders
- Intravitreal injections
- Neuroophthalmology consultations and management
- Uveitis management
- Management of complications arising from cataract surgery

NeoRetina also plans to offer services such as Visual Rehabilitation, Low Visual Aids, Pediatric Ophthalmology and Oculoplasty in the near future.

**Modern Facilities**

To allow us to give our patients the best service, NeoRetina is equipped with the most modern retina care equipment and facilities. These include:

- **A state-of-the-art operation theater complex** comprising of three operation theatres, of which one is dedicated to infection and ocular trauma. All operating theatres are equipped with the latest in operating microscopes, vitreoretina surgery stations with all the microsurgical instruments needed to perform delicate and complex retina surgeries.

- **The most modern support facilities** such as state-of-the-art anaesthesia equipment, ethylene oxide gas sterilizer and centralized gas supply with laminar air flow technology to minimize and eliminate surgery related infections. Both surgeons and staff are available around the clock to deal with emergency and trauma services beyond their elective specialized retina surgeries.

- **A well-organized Out-patient Department** that can receive patients on appointment, as walk-ins or as emergency cases. The OPD is also moaned by trained retinal to take care of screening, diagnostics, laser photocoagulations and emergencies.

- **ProVision – our in-house diagnostics center** – provides state-of-the-art ophthalmic diagnostics on the institute premises. Its capabilities include Digital Fluorescein Angiography, Optical Coherence Tomograms (OCT – both posterior and anterior), visual field analysis, Ophthalmic Ultrasound, Visual Evoked Potential (VEP), Electroretinogram (ERG) and Electrooculogram (EOG). These diagnostics capabilities allow accurate diagnosis even in the case of rare, degenerative retinal diseases.

**Skilled and Experienced Leadership**

The team at NeoRetina is led by Raja Rami Reddy P., a specialist in retinal surgery with close to 10 years of experience in the field and with an extensive referral network in Hyderabad and beyond.
Raja Rami Reddy studied both his MBBS and MD (Ophthalmology) at the prestigious All India Institute of Medical Sciences (AIIMS), New Delhi, completing his MD in December 2000. In 2004, he was awarded the coveted Diploma of Fellowship of the Royal College of Physicians and Surgeons (FRCS - Ophthalmology) of Glasgow, the United Kingdom.

After completing his MD, Dr. Reddy was appointed Specialist Registrar for the Retina and Vitreous Department of the Dr. R. P. Centre for Ophthalmic Sciences at AIIMS, a post he held until 2003. Since then, he has been a consultant retina and vitreous surgeon at Medivision Eye & Health Care Center and Drishti Eye Care Center in Hyderabad.

Raja Rami Reddy now brings his considerable experience and proven expertise to NeoRetina in an effort to meet the enormous medical need represented by victims of retinal disorders in Hyderabad and Andhra Pradesh.

What Other Doctors Say

“He (Dr. Raja Rami Reddy) has had a brilliant academic career and has progressed exponentially since setting up Vitreo-Retina practice in Hyderabad… NeoRetina Eye Care Institute is a most welcome addition to Vitreo-Retinal services in India.”

Dr. (Prof.) Rajvardhan Azad
Professor & HOD of Retina
Dr. R.P. Centre, AIIMS

“His (Dr. Raja Rami Reddy’s) performance at this centre was extraordinary, exceptional and exemplary, and in his practice he has continued the legacy and done exceedingly well, both as a clinician and as an ethical physician… Dr. Reddy’s great qualities as a human being, friend, great clinician and one of the greatest surgeons will, I am sure, carry his NeoRetina Eye Care Institute to the top of the world Vitreo-Retinal map.”

Dr. (Prof.) Yog Raj Sharma
Professor of Ophthalmology
Dr. R.P. Centre, AIIMS