



Low Vision Treatment

Setting High Standards of Care for Low Vision



Thousands of Indians suffer from low vision. Are you one among them?

Low Vision is a condition of visual impairment that cannot be corrected through glasses, medicines or surgical treatments. The condition is often characterized by partial sight, blurred vision, tunnel vision or blind spots. Low vision impacts both adults and children but mostly occurs among adults above 60 years of age. Losing the ability to perform basic activities: drive, read, watch or view, etc. can make one feel shut off from living a normal life.

What causes low vision?

Generally, the low vision condition is caused by eye diseases or health conditions such as Age-related Macular Degeneration (AMD), Cataract, Diabetic Retinopathy, Retinitis Pigmentosa, Stargardt's Disease (juvenile Macular Degeneration) and Glaucoma. Eye injuries, congenital disabilities and brain damages are some other causes. The chances to restore eyesight due to low vision are unlikely, but it can be managed with proper devices and vision rehabilitation.

How do you know if you have low vision?

A person with low vision condition has poor eyesight, where he is unable to perform routine duties, despite regular glasses, medicine, and surgery. Commonly individuals with low vision can have difficulty in:

- ▶ Reading and writing
- ▶ Reading traffic signals, name boards, etc.
- ▶ Recognizing familiar faces
- ▶ Using a Computer/Tablet or watching Television
- ▶ Spotting switches, dials or other mechanical controls

Neoretina: Comprehensive & Technologically Enhanced Centre for Low Vision Treatment

Neoretina Eyecare Institute, Hyderabad offers world-class treatment in the management of the low vision and other eye conditions. With an excellent team of trained, highly qualified Optometrists and state-of-the-art hospital facilities, Neoretina has mapped itself as one among the few hospitals in the country to successfully treat patients with various low vision disorders.

How is low vision diagnosed?

A low vision is diagnosed after a complete dilated eye examination. Based on the patient's condition, the Ophthalmologist may suggest some diagnostic tests to confirm the severity of the condition. Once you are diagnosed with low vision, you are referred to an Optometrist for low vision services.

Consult Optometrist for Low Vision

A low vision specialist or an Optometrist is one who helps you find the right types of aids that help you with everyday tasks. At first, Optometrist may recommend using one or two devices and then adding more as you get used to working with them.

Biopic Telescope



Recumbent Spectacle



What are low vision aids?

Low Vision aids are optical devices that provide increased magnification powers and prescription strength. They are different from the regular glasses and magnifiers which are made of higher-quality optics. These devices make most of your vision and help you perform everyday tasks more easily. Low vision devices are task-specific. They include a variety of devices and are prescribed based on the need and eye condition.

Common Eye Conditions Managed

▶ Central Visual Loss in Age-related Macular Degeneration (AMD). ▶ Stargardts Macular Dystrophy. ▶ Visual loss in Diabetic Retinopathy. ▶ Visual Field loss in Retinitis Pigmentosa and Glaucoma. ▶ Glare and Photophobia in Rod Dystrophy, Cone Dystrophy. ▶ Hemianopic defects in Optic Neuropathy.



Meet our Low Vision Specialist

Nagesh Vuppala, M.Optom, F.LVPEI

Chief Optometrist
Neoretina Eyecare Institute, Hyderabad

Nagesh Vuppala completed his Master of Optometry from Bharati Vidyapeeth University School of Optometry, Pune. He specializes in low vision and Keratoconus Contact Lens management. He is one of the leading low vision practitioner in India. He conducts training and mentors students on low vision and Contact Lens research.

He has been the invited guest, speaker, faculty for various conferences, institutes and industries across Asia Pacific region. Prior to joining NeoRetina, Nagesh Vuppala worked as Senior Optometrist at the world renowned L.V.Prasad Eye Institute, Hyderabad. As a Research Optometrist, he carried various eye care research projects at LVPEI. He worked as Senior Faculty at Bharati Vidyapeeth University Medical College School of

Optometry, Pune. He has been associated as Key Opinion Leader (KOL) for Johnson & Johnson Vision, India. His scientific research papers has been accepted at various recognized international conferences at Las Vegas (USA), Brisbane (Australia), Shanghai, Sydney (Australia), Singapore etc., and at many conferences in India. He has been appreciated and internationally recognized for raising the standards of Optometry education in India.

In the year 2005, he was awarded with FIACLE from the prestigious, International Association of Contact Lens Educators, IACLE, from Australia. He has the privilege of being invited as visiting fellow at University of New South Wales, UNSW Australia.

Neoretina Eye Care Institute

Neoretina Eye Care Institute is a NABH accredited tertiary care advanced eye hospital with a focus on retina care. A state-of-the-art ophthalmic diagnostic center, best-in-class operation theatre facilities, and super-specialty ophthalmic services under a single roof make it the most well-equipped eye care center for the management of complex and sight-threatening conditions.



Neoretina Eyecare Institute

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