

Refractive Errors

What refractive errors can you correct?

With refractive surgery of one variety or another, we can correct almost any refractive error in existence. We are experienced in a number of procedures, not just one. We choose the procedure best suited for each individual patient after careful examination. With our LASIK surgery, we can correct nearsightedness from -0.50 to -10.0 diopters and astigmatism from 0.50 to 6.0 diopters. We correct farsightedness from $+0.50$ to $+6.0$ diopters with hyperopic LASIK. We can correct almost any degree of nearsightedness or farsightedness with refractive lensectomy and crystalens implantation or with phakic intraocular lens implantation (the new ICL procedure). We have corrected as much as 42.0 diopters of nearsightedness and as much as 12.0 diopters of farsightedness. We have corrected as much as 14.0 diopters of astigmatism. Every case is different and must be evaluated individually. Drs. Herbert Nevyas, Anita Nevyas-Wallace and Vipin Goyal, the surgeons who will perform your evaluation are the same surgeons who will personally perform your evaluation.

How should I choose my eye surgeon?

It would be best to choose a surgeon who is highly skilled, experienced and well recommended. He or she should have recommendations from patients and particularly from doctors, especially eye doctors, who are familiar with his/her work. He or she should utilize an advanced excimer laser that is FDA approved. More important, you should meet with your surgeon prior to your surgery date and feel comfortable with his or her degree of skill.



Dr. Anita Nevyas-Wallace



Dr. Herbert Nevyas



Dr. Vipin K. Goyal

Who does the refractive and cataract procedures at Nevyas Eye Associates and are they experienced?

The cataract and refractive surgeons at Nevyas Eye Associates are Dr. Herbert J. Nevyas MD, Dr. Anita Nevyas-Wallace M.D., and Dr. Vipin Goyal M.D. The surgeons are very experienced and prominent in their field. They have many years of experience in anterior segment and refractive surgery. Their refractive surgery experience extends to all aspects of refractive surgery, not just one or two modalities. Between them they have performed over 50,000 cataract and laser surgical procedures.

What is the experience of the Nevyas doctors with refractive surgery?

We at Nevyas Eye Associates began performing refractive surgery in 1980 with radial keratotomy, and then astigmatic keratotomy. In 1992 we began performing ALK (automated lamellar keratoplasty). ALK is similar to LASIK because a corneal flap is made in both procedures. The difference is that in ALK, the corneal reshaping underneath the flap is performed with the same sort of instrument that was used to actually make the flap. In LASIK, the laser is the instrument that is reshaping the cornea. Once LASIK became available in 1995, we switched to this procedure since the corneal reshaping was performed more precisely with the excimer laser.

What part will my current eye doctor play in my vision correction?

We work together with numerous eye doctors, both ophthalmologists and optometrists, in co-managing refractive surgical patients. We typically see each patient immediately post-operatively, and then the patient can return to his or her own eye doctor for some of the further follow up. Reports are sent to us at every visit and we keep close track of each patient.