

# Vision Correction Comparison Chart

Procedure/ Correction Method	Ideal Age	How It Works	What Treats	Corrects Near and Distance Vision	Permanent Correction	Correction Range (Your Current Prescription)	Cost Range (over a lifetime age 18-78)	Initial Healing Time	Advantages	Disadvantages
Custom LASIK	16-40	Advanced laser reshaping of the cornea that maps eye irregularities for precise and customized correction.	Nearsighted Farsighted Astigmatism	No	Yes	Wide range (+4.00 to -7.00 D and up to 18 D astigmatism)	\$5,000-\$7,000 (one-time)	1-2 days	Enhanced precision, convenience	Some temporary dryness, halos, glare, sensitivity, light sensitivity
SMILE	16-40	Creates a small incision and reshapes the cornea using a femtosecond laser, preserving more corneal strength.	Nearsighted Astigmatism	No	Yes	Mild to moderate (-1.00 to -10.00 D and -.75 to -3.00 astigmatism)	\$5,500-\$7,500 (one-time)	2-3 days	Minimally invasive, small incision	Limited treatment range, some temporary dryness, halos, glare, sensitivity, light sensitivity
PRK	16-40	Involves removing the outer layer of the cornea and using a laser to reshape the underlying tissue.	Nearsighted Farsighted Astigmatism	No	Yes	Mild to moderate (-0.25 to -7.00 D and up to 18 D astigmatism)	\$5,000-\$7,500 (one-time)	5-7 days	No flap creation (good for thin or irregular corneas)	Longer healing time, initial discomfort. Some temporary dryness, halos, glare, light sensitivity
EVO ICL	16-45	A biocompatible lens is implanted between the iris and natural lens, correcting severe refractive errors.	Nearsighted Astigmatism	No	Yes	Severe (-3.00 to -20.00 D)	\$8,000-\$10,000 (one-time)	1-2 days	Reversible, suitable for high myopia or thin corneas	Higher cost, some temporary dryness, halos, glare, sensitivity, light sensitivity
Monovision LASIK/SMILE /PRK/EVO	40+	Focuses one eye for distance vision and the other for near, reducing reliance on reading glasses.	Nearsighted Farsighted Astigmatism	Yes	Yes	See above for each procedure	See above for each procedure	1-7 days	Can reduce or eliminate the need for both distance and reading glasses	Adaptation period, trade offs between distance and near vision, some temporary dryness, halos, glare, sensitivity, light sensitivity
Custom Lens Replacement (CLR) (RLE)	40+	Replaces the natural lens with an artificial intraocular lens (IOL) tailored to correct refractive errors and provide clear vision at various distances.	Nearsighted Farsighted Astigmatism	Yes	Yes	Wide range (up to $\pm 20.00$ D depending on lens type)	\$10,000-\$18,000 (one-time)	2-3 days	Allows presbyopia correction for both near and far simultaneously. Never get cataracts.	Short-term glare or halos, temporary dryness, sensitivity, light sensitivity, some trade off between distance and near vision
Glasses	Kids-40	Standard prescription glasses	Nearsighted Farsighted Astigmatism	No	No	Wide Range (up to $\pm 20.00$ D)	\$20,000-\$50,000 (over lifetime)	Immediate	Non-invasive, cost- effective initially	Ongoing cost, inconvenience, breakage risk, hassle
Progressive Lens Glasses	40+	Multifocal lenses with a gradient of powers for distance, intermediate, and near vision; worn externally.	Nearsighted Farsighted Astigmatism	Yes	No	Wide Range (up to $\pm 20.00$ D)	\$20,000-\$50,000 (over lifetime)	Immediate	Versatile correction	Expensive over time, adaptation issues, hassle, risk of falls
Contact Lenses	13+	Thin lenses placed directly on the eye's surface, correcting the way light enters the eye.	Nearsighted Farsighted Astigmatism	Yes, limited	No	Wide Range (+10.00 to -20.00 D)	\$25,000-\$70,000 (over lifetime)	Immediate	Cosmetic benefit, versatile	High lifetime cost, risk of infection, hassle, discomfort

