





# Intraocular Lenses Compared

IOL Type		Monofocal	Toric	Multifocal	Extended Depth of Focus
					
<b>Summary</b>		Provides good vision at one distance (typically far vision)	Corrects Astigmatism after cataract surgery	Correct vision for near, far and intermediate distances	Correct vision for all ranges using a hinged multifocal lens that moves with the eye like a natural lens
Vision Problem					
Distance		✓	✓	✓	✓
Myopia (near-sighted)	Difficulty viewing distant objects			✓	✓
Astigmatism	vision distortion		✓		
Presbyopia	Difficulty reading small print			✓	✓
Hyperopia (far-sighted)	Difficulty viewing near objects			✓	✓
Affects Post Surgery					
Glasses Required	after surgery	90% require reading glasses	may substantially reduce Astigmatism and the need for glasses	Substantially reduce the need for glasses	10%
Distance Vision	TV or driving	✓		✓	✓
Mid Range Vision	computer, desk work			✓	✓
Near Vision	reading or fine manual activities		✓		✓
Range of Focus			✓	✓	✓
Night Vision	Glare and Halos	minimal	minimal	minimal	moderate
Intraocular Lens (IOL) Procedure					
Surgery Approach		Blade Incision	Laser - Zepto Surgery	Laser - Zepto Surgery	Laser - Zepto Surgery
Surgical Outcomes		safe, improves vision	more accurate, less glasses reliance	more accurate, less glasses reliance	more accurate, less glasses reliance
Astigmatism Correction			✓	✓	✓
Painless Placement		✓	✓	✓	✓
Implant During Cataract Surgery		✓		✓	✓
Flexes With Natural muscles			✓	✓	✓