



QuadrimaXTM

Aspherical
Hydrophilic Acrylic IOL



**1.8 mm
micro
incision**





QuadrimaX™ Model 545 Specifications

Lens type:	One piece IOL In the bag fixation Biconvex Aspherical surface Square edge 360°
Overall diameter:	10.50/10.75/11.0 mm*
Body diameter:	5.7 / 6.0 mm*
Lens material:	Hydrophilic Acrylic
Haptics:	4 closed loops
Angulation	8°
Refractive index:	1.46
AC depth:	4.96 mm
A-constant:	118.0 (ultrasound) 118.4 (laser interference)
Available powers:	+5.0 D to +35.0 D (1.0 D increments) +10.0 D to +30.0 D (0.5 D increments)

* Depends on dioptric power

>> Single Use Injection Systems



DualTec™ Kit

See www.ophtec.com for actual models.

Medicel

Also compatible with Medicel inserting systems.

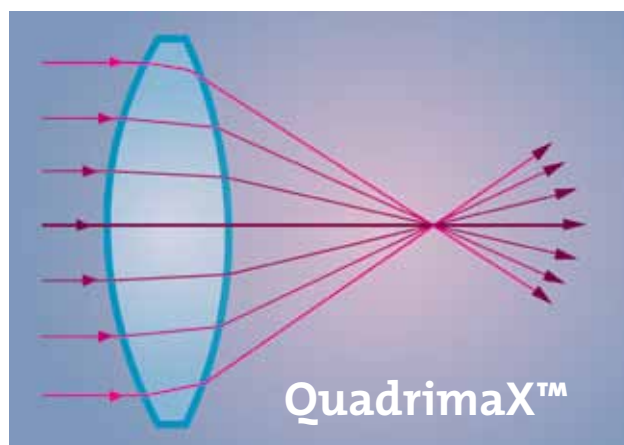
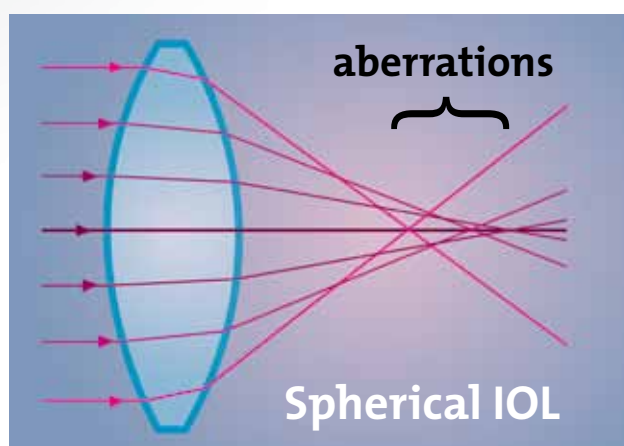
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>> Spherical Aberrations

In a conventional lens design, spherical aberrations occur because the dioptric power in the periphery of the lens is different from the dioptric power in the center of the lens (optical axis).

These aberrations influence contrast sensitivity and depth of focus. Increasing the depth of focus means decreasing the contrast sensitivity and vice versa.



>> Aspherical optic

An aspherical optic has been altered to reduce spherical aberrations; the dioptric power in the periphery and center of the lens are equal.

>> OPHTEC's Aspherical IOLs: Best of both worlds

OPHTEC's aspherical IOLs are aberration neutral. The natural aberrations of the cornea are respected, delivering both an optimal depth of focus and a good contrast sensitivity.



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OPHTEC
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