

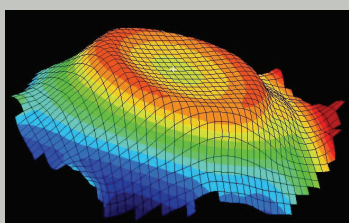


OK[®] E-System

Simple Ortho-K, Expert Results

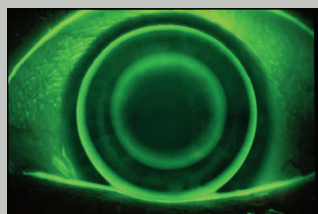


**Overnight
FDA Approved**



Actual Patient

Boston
EQUALENS® II



Typical Pattern

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Contex, Inc.

4505 Van Nuys Blvd
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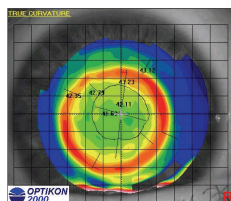
Contex OK[®] E-System, The "Clear Choice!"

- **"Custom Designed" to Each Individual Cornea**
- **Approved for up to 5 Diopters of Myopia Reduction**
- **Trial and Inventory Sets Available**
- **Works with any brand of topographer**

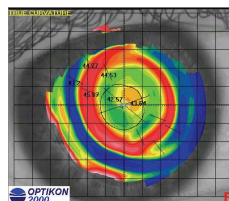
Understanding Modern Ortho-K: The advanced OK[®] E-System proportionate lens designs allows you to custom build a lens that will reduce up to five diopters by gently and precisely compressing the central epithelium.

Patient Selection: Patients aging from 8 years old and up are candidates. On the average, patients with up to 5 diopters of refractive error achieve 20/20 vision for most the day.

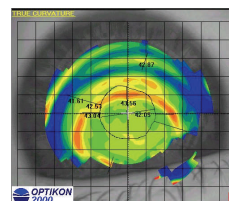
Desired Map:



Tight Map:



Loose Map:



Example: CK: **43.00**/44.00

Refraction: **-5.00**

Eccentricity Value = **.5**

OK[®] E-System Design Code: **43.00/-5.00 (.5e)** / 9.06 / 10.6 / +1.00

If the Lens Is Tight: Raise the e-value

OK E: 43.00/-5.00 **(.55e)**

.05 loosens the fit by about 11 microns

OK E: 43.00/-5.00 **(.6e)**

.1 loosens the fit by about 22 microns

If the Lens Is Loose: Lower the e-value

OK E: 43.00/-5.00 **(.45e)**

.05 tightens the fit by about 11 microns

OK E: 43.00/-5.00 **(.4e)**

.1 tightens the fit by about 22 microns

We obtained the first FDA clearance on Ortho-K lenses!

www.oklens.com

Boston **AUTHORIZED
MANUFACTURER**

OK[®] E-System

Quick Fit Guide



Supply the following data to order OK[®] lenses:

1. Central keratometry readings
2. Type and Brand of keratometer used to obtain the readings
3. Corneal Eccentricity (if available)
4. Brand of topographer used to obtain the corneal eccentricity
5. Refraction

Diameter & Optic Zone: 10.0 to 10.6 diameters center best. 6.0 mm optic zones are standard. For larger pupils we can increase the optic zone to a 6.5 or 7.0 mm to reduce flare & glare.

Base Curve: The base curve should display 2-4 mm of central bearing and should cover the pupil for best results.

Reverse Curve: The secondary fluorescein pattern should display a narrow but brilliant 360-degree ring of pooling.

Alignment Curve: The steeper mid-peripheral curve or alignment curve forces the lens to center. The mid-peripheral fluorescein pattern should display medium to heavy bearing.

Peripheral Curve: The OK[®] E-System lenses utilize a true aspheric peripheral curve for a perfect fit. If more or less edgelifit is required the alignment or reverse curves may need to be adjusted.

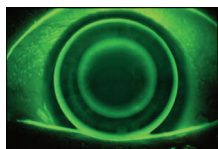
Lens Dispensing Procedure:

1. Insert lenses and wait 10 to 15 minutes.
2. Observe the lenses with the slit lamp to check lens position and movement.
3. Insert fluorescein and observe the pattern, comparing it to the grading scale.

Fluorescein Pattern Check List:

- A well centered lens
- 3-5 mm of central bearing
- Narrow but brilliant secondary pooling ring
- Wide heavy mid-peripheral bearing ring
- 1 mm movement on the blink

Desired Fit:



4. Over-Refract with the lens on to make sure vision is acceptable with the lens on.
5. If all is acceptable, dispense the lenses to be worn at night only, unless the daytime vision is unacceptable, in which case they should see you within 48 hours to inspect the fit and cornea. If the lens is worn as a daily wear lens, in some cases it will over-tighten.
6. Check the patient the following morning if possible. Do not allow the patient to wear the lens for more than three nights without a check-up after the initial dispensing. Advise the patient to contact you immediately if they experience red, swollen, painful eyes and/or distorted vision.

CAUTION: Edema, microcysts and even abrasions can occur if the lens over-tightens! A poorly centered lens can induce double vision, and astigmatism.

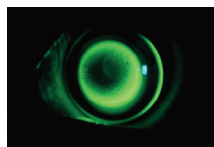
Follow-Up Check List:

1. Examine the patient as early as possible.
2. Check lens position & movement with the slit lamp.
3. Over-refract with the lenses on.
4. Check the fluorescein pattern.
If the fit is too tight or too loose, refer to the troubleshooting chart in the professional fitting guide or contact one of our consultants for assistance.
5. Remove lenses and check the Central K Reading. Check the unaided visual acuities and scope the remaining refraction to verify the amount of myopia left to reduce.

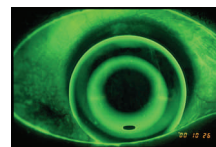
Note: Do not use an Auto-Refractor. Manually over-refract to obtain the unaided vision with out lenses on.

6. Re-check the patient again in 1 week, 2 weeks and then one month if the lens fit and results are acceptable.

Tight Fit:



Loose Fit:



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