# DELTA CONUS 6

**The most comfortable and easy to use lens for any case of keratoconus and transpalnted cornea**

## DELTA CONUS 6 (up to 6 months)

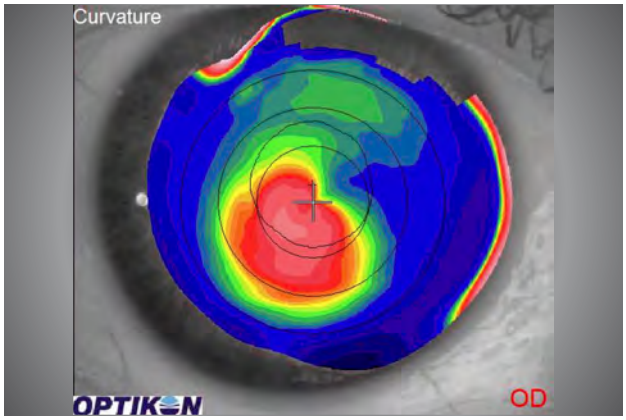
A soft lens for any case of keratoconus and transplanted cornea, replaced after 3 or 6 months depending on the material used. The most comfortable and easy to use soft lens for all types of keratoconus and transplanted cornea.

### Available Parameters:

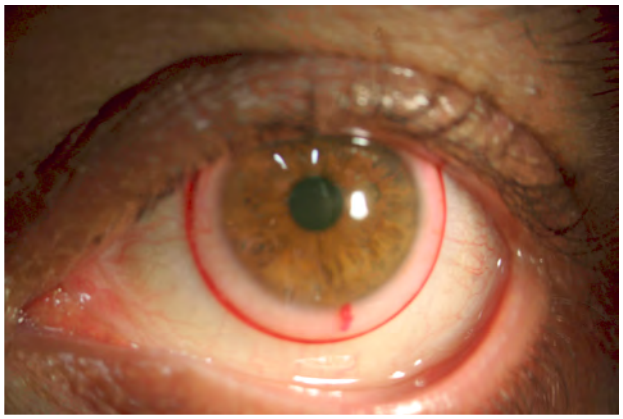
Indications: Keratoconus
Post- graft
Irregular astigmatism

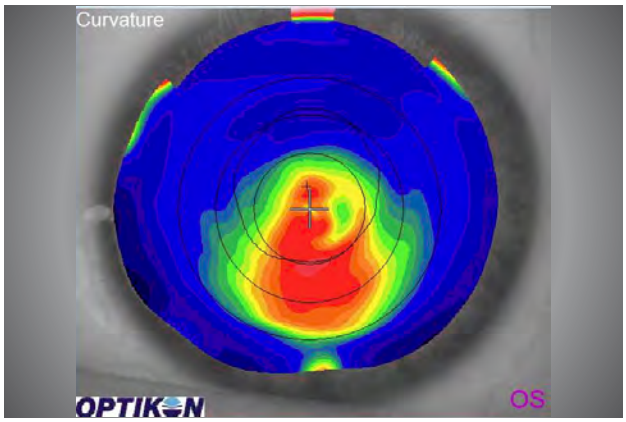
| | |
|---|---|
| Base curves: | 7.80 up to 9.60 mm in 0.10 |
| Sphere: | 25.00 to -30.00 in 0.25 D |
| Diameters: | 14.50mm (up to 15.00) |
| Astigmatism: | -0.25 to -6.00 in 0.25 D |
| Central Thickness: | 0.30 up to 0.45 mm |
| Materials: | Definitive H2O: 74% (**Silicon hydrogel Dk 60**) |
| | 3 months replacement |
| | HEMA – NVP H2O: 67% |
| | (Secondary material – upon request) |

It is also fitted in cases of irregular astigmatism caused by injury or corneal procedure.
Recommended Disinfection Systems: Peroxide systems and chemical like Optifree

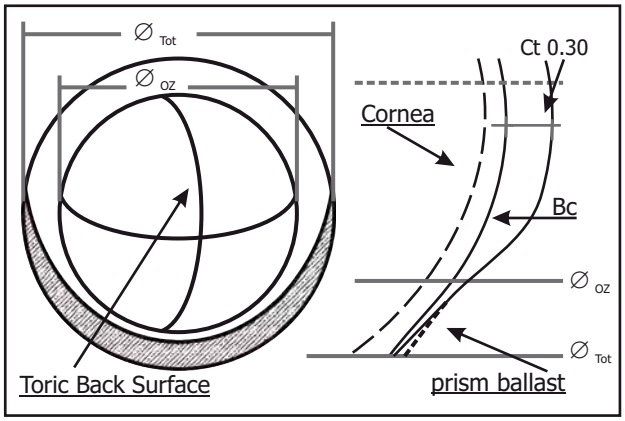


Example of the topography of a decentered corneal cone


Example of the observation
of the alignment line at the 6th o clock



Example of the topography
of a downwards decentered corneal cone



**DELTA Conus 6** contact lens designing

T. 801 11 22 333 & +30 2310 242929
www.eyeart.org | info@eyeart.org

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# DELTA CONUS 6 BASIC FITTING INSTRUCTIONS

**STEP 1:** Fit the 8.50 lens and check the fitting after 5 minutes. If fitting is satisfactory, leave the lens to settle for another 15 minutes.
If fitting is steep, fit the lens with 8.70 curvature and repeat step 1.
If fitting is flat, fit the lens with 8.30 curvature and repeat step 1.

**STEP 2:** Check the marking line at 6 o'clock for possible rotation.

**STEP 3:** Perform an over-refraction

**STEP 4:** Order the lens giving the following information:
1. Diagnostic lens used
2. Over-refraction
3. Possible rotation. Note rotation direction and amplitude (for example RE 10 degrees nasally)
4. Material

**MATERIAL:** Concerning the material, EYEART recommends the use of Definitive silicone hydrogel Dk 60. If the fitter requires a more elastic material, HEMA-NVP 67% can be used.

**FITTING CHECK**

The trial lens is fitted and checked after 15 minutes.

**IN THE SLIT LAMP:** The lens must move vertically while blinking from 0.20 to 0.80 mm. It has to be sufficiently centered. When the user looks up and blinks, the edge of the lens should not reach the corneal limbus.

**MACROSCOPIC OBSERVATION**
**PUSH-UP METHOD** The eyelids are kept open so as not to touch the lens. With the lower lid we push the lens upwards. We observe the lens repositioning at the centered position. If the fitting is correct, the lens is repositioned with a regular downward movement. If the fitting is steep, the lens is repositioned either very slowly or with a fast, abrupt movement. If the fitting is flat, the lens is repositioned quickly and often goes downward, beyond the correctly centered position in front of the cornea.

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## FITTING OPTIONS

Since in EYEART all the parameters of the lenses are available, a customized choice is an easy one: The curvature of the lens is checked with macroscopic observation. When it is steep, we usually increase by 0.20mm. We decrease accordingly by 0.20 mm when it is flat. The diameter of the lens is checked in the slit-lamp (without the extra 2.00 mm of the cornea). Providing that we have selected the correct curvature, when, while blinking, the edge of the lens touches the corneal limbus, we increase the diameter by 0.50 mm.

| Diagnostic Fitting Set |
| --- |
| **3 lenses 8.30, 8.50, 8.70** |

## DETAILED FITTING INSTRUCTIONS

The toric DELTA CONUS lens may not provide maximum visual acuity only if:

1. The over-refraction is not accurate.
2. There is rotation which must be corrected (over 10 degrees for astigmatism up to 2.00 D and over 5 degrees for astigmatism over 2.00 D)
3. There is steep or flat fitting which affects the stability of the optical correction due to movement or distortion of the optical zone.