

OPTO K

soft for keratoconus

With the "cross linking CXL" treatment, the application of contact lenses for the correction of keratoconus is undergoing changes, by now the action of containing the cone by the RGP contact lenses is no longer necessary because the cross linking CXL strengthens the structure of the cornea, blocking the development of ectasia in 90% of cases.

Irregular astigmatism of a cornea treated with CXL cross linking remains the same as before treatment or even in some cases there is a worsening of corneal irregularity due to complicated re-growth of the epithelium.

So now the goal of the Practitioner is to look for the best possible solution to improve the visual quality with the best possible comfort obviously in safety.

OPTO K soft lenses for keratoconus are valid because they guarantee optimal vision that cannot be reached with glasses, an easy-to-manage, professionally stimulating application and (monthly) management in line with market choices. The "**OPTO K**" contact lens is a **SOFT** lens with a reduced elasticity optical zone to compensate for corneal irregularity. Four back curved surface with a precise Kone wrapping and a homogeneous and comfortable peripheral support. The peripheral part of the lens has an elasticity like that of a traditional thin profile lens.

FITTING:

For the choice of the Base Curve:
if the reading of the corneal meridians it is possible to choose the flattest meridian (K1) as the Base Curve
For the choice of the Total Diameter; 14.50 mm is recommended

If corneal parameters are distorted use diagnostic lenses.

- Lenses must have a slight dynamic (1 mm)
- They must not make central bubbles (B.C. tight)
- They must not have peripheral microbubbles (B.C. flat)
- They must not have pleats on the edges or an edge that tends to turn up (B.C. decidedly flat)

Definition of Power:

Eyewear refraction if reliable, if the ideal base radius is not identified with the diagnostic lenses, perform the over-refraction of the test lens first with the auto refractometer and then confirm it with the eyepiece of both the spherical and cylindrical components and their axis by communicating resultant power.

MATERIAL:

These lenses are produced in Benz G-4X p-GMA / HEMA material, 54% of water the latest generation of purified glycerin naturally rich in wetting additives in particular structural way to obtain a high stability for the entire duration of wearing , when you wear a lens with this material you will find the same Base Radius both at the beginning and at the end of the day without losing water and shape, guaranteeing comfort and safety. Material with superior performance to silicone hydrogel.
BENZ G-4X 54% Dk 23

Made in Italy



BOX:
Monthly in blister, Quarterly in vial
Spheric e Toric

RANGE
Base Curve from 5.00 to 8.60 step 0.10 mm
Diameter: from 12.00 to 16.50 step 0.10 mm
Power: from +15.00 to -45.00 step 0.25D

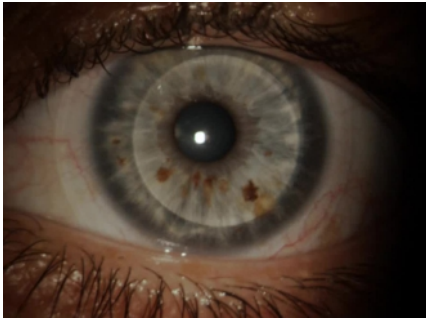
OPTO K: For irregular astigmatism until -2.50D
OPTO K TORICA: For irregular astigmatism over -2.75D

Lens	Base Curve	Power	Diam.	Th.
OPTO K DIAGNOSTIC SET	6.00, 6.30	-8.00	14.50	0,42
	6.60, 6.90	-6.00		0,40
	7.20, 7.50	-5.00		0,38
	7.80, 8.10	-4.00		0,36
	8.40	-2.00		0,36

OPTO K TORIC

soft toric for keratoconus

The "OPTO K TORIC" contact lens is a SOFT TORIC lens for KERATOCONUS with a reduced elasticity front optical zone that combines the reduced central thickness compared to OPTO K with the back TORICITY to compensate for IMPORTANT IRREGULAR ASTIGMATISMS.



RANGE

Base Curve: from 7.80 to 9.40 step 0.10 mm

Diameter: from 12.00 to 16.50 step 0.10 mm

Power: from +8.00 to -30.00D step 0.25D

Cylinder: until -12.00D step 0.25D

Axis: all 1 step

Thickness: from 0.16 to 0.48mm

OPTO K for irregular astigmatism until to -2.50D

OPTO K TORICA for irregular astigmatism over -2.75D

FITTING:

For the choice of the **Base Curve:**

If the corneal parameters are legible, add +0.80 to the flatter meridian (K1)

If corneal parameters are distorted use diagnostic lenses.

- Lenses must have a slight dynamic (1 mm)
- They must not make central bubbles (B.C. tight)
- They must not have peripheral microbubbles (B.C. flat)
- They must not have pleats on the edges or an edge that tends to turn up (B.C. decidedly flat)

For the choice of the **Total Diameter:** 14.50 mm (recommended)

Definition of **Power:**

Eyewear refraction if reliable, if the ideal base ray is not identified with the diagnostic lenses, perform the over-refraction of the test lens first with the auto refractometer and then confirm it with the eyeglass both of the spherical and cylindrical component and relative axis, communicating the resulting powers .

MATERIAL:

These lenses are produced in Benz G-4X p-GMA / HEMA material, 54% of water the latest generation of purified glycerin naturally rich in wetting additives in particular structural way to obtain a high stability for the entire duration of wearing , when you wear a lens with this material you will find the same Base Radius both at the beginning and at the end of the day without losing water and shape, guaranteeing comfort and safety. Material with superior performance to silicone hydrogel.

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