



AirKone™

Rigid lenses for keratoconus

Indications

Ultra permeable rigid lens for any type of keratoconus.

Avantages

- Easy to fit thanks to \varnothing_T linked to the Base Curve (BC)
- Various choices of Edge Lift (EL) values
- Toric option including:
 - Toric Design BT/FT/BI
 - Back Toric Periphery
 - Asymmetrical design (Asymmetrical Toricity Design ATD)
- Multifocal available

Technical information

Material	Optimum Extreme – Dk 125 different colors available: blue, green or grey Other materials available on demand
Diameter \varnothing_T	Linked to the Base Curve (BC)
Radius r_0	From 4.80 mm to 8.50 mm in 0.05 mm steps
Edge Lift (EL)	From -2.0 to +3.0 in 0.1 steps (standard à 0.0)
Power	From -40.00 to +40.00 δ in 0.25 δ steps
Cylinders	From -0.50 to -6.00 δ in 0.25 δ steps
Axes	From 0° to 180° in 1° steps
Add	From +0.75 to +3.50 δ in 0.25 δ steps
Asymmetrical periphery (ATD)	Grade 1: -0.7 Grade 2: -1.0 Grade 3: -1.3 (From 0.0 to -1.3 in 0.1 steps)

Geometry

- Multi-aspheric internal zone
- Total diameter and optical zone according to Base Curve (BC)
- Modifiable Edge Lift to optimize the peripheral fitting





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Wear and Care

Wear	Renewal every 2 years, daily wear
Care	Oté Clean (cleaning), Cleadow GP or Multifonction for rigid lenses

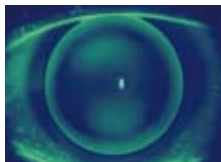
Adaptation

Parameters of the first trial lens

$$r_0 = K_m$$

\emptyset_T = Linked to the Base Curve (BC)

If $K_m < 6.00$ mm,
LCS advise to take $r_0 = K_m + 0.20$ mm



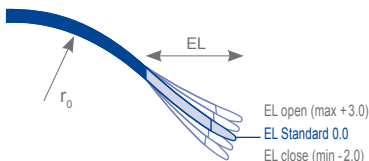
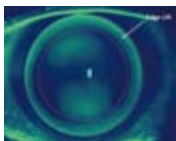
Contrôle de la lentille d'essai FLUO

1. Central zone:

- If contact at the apex > decrease the r_0 by 0.10 mm until alignment
- If alignment at the apex > no changes of r_0
- If clearance at the apex > increase the r_0 by 0.10 mm until alignment

2. Edge Lift :

- If too strong clearance or movement > close the Edge Lift (EL -0.5)
- If optimal clearance or movement > no changes of the Edge Lift
- If too low clearance or movement > open the Edge Lift (EL +0.5)



3. Centration:

- If lens is well center at the apex > no change of \emptyset_T
- If lens decentered > Go on with EyeBrid Airkone

4. Puissance :

- $P = P_{\text{trial lens}} + \text{Over refraction compensated with vertex distance}$

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LCS

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