

Adaptation criterias

Ultra permeable rigid lens for any type of keratoconus.

Advantages

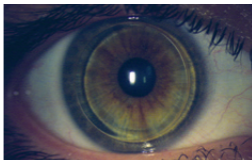
- Easy to fit
- Various choices of Edge Lift (EL) values
- Toric option including:
 - Toric Design BT/FT/BI
 - Edge toric / Toric EL
 - Asymmetrical design (Asymmetrical Toricity Design ATD)
- Multifocal available

Technical informations

Material	High Dk or Dk 200 different colors available: blue or green Other materials available on demand
Diameter \varnothing_T	Linked to the Base Curve (BC) (From 8.10 to 9.60 mm in 0.10 mm steps)
Base Curve BC	From 4.40 mm to 8.50 mm in 0.05 mm steps
Edge Lift (EL)	From -1.3 to +3.0 in 0.1 steps (standard to 0.0)
Power	From -40.00 to +40.00D in 0.25D steps
Cylinders	From -0.50 to -6.00D in 0.25D steps
Axis	From 0° to 180° in 1° steps
Add	From +0.75 to +3.50D in 0.25D 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)

Designs

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



AirKone™

Rigid lenses for keratoconus

Wear and Care

Wear	Renewal every 2 years, daily wear
Care	LCS Clean (soap) + Multifonction for rigid lenses, weekly deproteinization

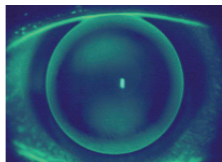
Fitting

First trial lens parameters

BC = Km (medium K)

\varnothing_T = Linked to the Base Curve (BC)

If Km < 6.00 mm,
LCS advise to take BC = Km + 0.20 mm



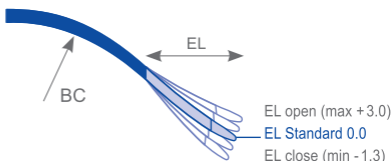
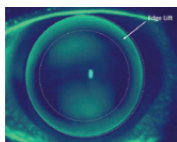
Fitting assessment

1. Central zone:

- If contact at the apex > decrease the BC by 0.10 mm until alignment
- If alignment at the apex > no changes of BC
- If clearance at the apex > increase the BC 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 change 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 \varnothing_T
- If lens decentered > Go on with EyeBrid Airkone

4. Power:

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

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