

APEX™

KERATOCONUS CONTACT LENS WITH FITTING FORGIVENESS

The Apex lens design for keratoconus incorporates a number of fitting forgiveness factors to simplify fitting the keratoconus patient. These inherent design properties are intended to aid the practitioner in managing the various topographies seen with this corneal disorder.

This new proprietary lens design is based upon the belief that those patients who are successful with gas permeable lens designs must be fitted with a lens that minimizes apical interaction, and avoids impingement of the peripheral cornea, specifically in the superior quadrant.

LENS PARAMETER AVAILABILITY

Base Curve	68.00D (4.96) to 40.00D (8.44)
Diameter	7.9 to 10.5
Power	+30.00D to -30.00D
Periphery	Steep, Medium, Flat

DIAGNOSTIC SET PARAMETERS

Standart 24-Lens Set

Base Curve	58.00D (5.82) to 40.00D (8.44)
Diameter	8.2 to 10.0
Power	Flat to -17.00
Periphery	Medium
Material	Available in any material

A wratten filter is included.

Additional 10-Lens Diagnostic Set Available

Base Curve	68.00D (4.96) to 59.00D (5.72)
Diameter	8.2
Power	-17.00 to -20.00
Periphery	Medium
Material	Available in any material

TROUBLESHOOTING

Patient Symptoms	Possible Causes	Plan
Lens Riding High		Steepen Base Curve by 1.00 D
		Reduce Diameter by .3mm
Lens Riding Low	Movement with Blink	Flatten Base Curve by 1.00 D
	No Movement	Decrease Diameter by .3mm
Excessive Movement		Steepen Base Curve by 1.00 D
		Increase Diameter by .3mm
Restricted Movement		Flatten Base Curve by 1.00 D
		Decrease Diameter by .3mm
Bubbles	Centrally	Flatten Base Curve by 1.00 D
		Decrease Diameter by .3mm
	Peripherally	Decrease Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3mm
Surface Non Wetting	New Lens	Clean Lens
		Change Material
	Older Lens	Clean Lens
		Order New Lens
Too Much Edge Lift		Reduce Edge Lift (Flat to Medium, Medium to Steep)
		Increase Diameter by .3 mm
Not Enough Edge Lift		Increase Edge Lift (Steep to Medium, Medium to Flat)
		Decrease Diameter by .3 mm

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