

PINNACLE

FITTING GUIDE



**Aspheric comfort design with
options for irregular corneas**

S P E C T R U M
INTERNATIONAL



X-CEL
SPECIALTY CONTACTS

PATIENT APPLICATION

The Pinnacle aspheric comfort design is intended for the myopic or hyperopic patient who shows moderate to high amounts of with the rule corneal and refractive astigmatism.

- Continuous aspheric concave geometry.
- Controlled edge lift.
- Lenticular not required.
- Computer designed shape.
- High patient success rate regardless of corneal topography.

FITTING STEPS

Start with a trial lens based off the amount of corneal cylinder using the chart below. If the patient has more than 3.00 diopters of corneal or refractive cylinder discuss with a consultant.

BASE CURVE SELECTION

Corneal Cylinder	Base Curve
0.00 to 1.00	On Flat K
1.12 to 1.50	.25 steeper than Flat K
1.62 to 2.00	.50 steeper than Flat K
2.00 to 2.50	.75 steeper than Flat K
2.75 or more	discuss with consultant

The best fit will center over the pupil. The edge profile should show .2mm band of edge lift and have 1mm of movement upon blink. Ultimate fluorescein pattern will look aligned.

LARGE DIAMETER FITTING STEPS

Start with a trial lens that is 1.00 to 2.00 diopters steeper than your flat K reading. Evaluate the fit and fluorescein pattern to determine which direction to go in the set.

The best fit will exhibit a light feather touch, which should show fluorescein exchange over the apex of the steepened area upon blink. The edge profile should show .2mm band of edge lift. If it does not look adequate, it can be altered to a steep or flat peripheral system. Overall lens movement will be 1/2 to 1mm. The ultimate fluorescein pattern will be as aligned looking as possible.

LENS PARAMETER AVAILABILITY

Diameter	7.5 to 12.6
Base Curve	56.25D (6.00) to 34.00D (9.90)
Power	+60.00D to -60.00D
Material	Available in any material

*Base curve radius restricts diameter range available.

Standard Diameter	Large Diameter	IC Diameter
7.5 to 9.9	10.0 to 11.2	11.3 to 12.6

DIAGNOSTIC SET PARAMETERS

STANDARD

Diameter	8.9 in Base Curves thru 7.50 9.2 in Base Curves from 7.58 to 7.85 9.5 in Base Curves from 7.94 to 8.23
Base Curve	46.50D (7.26) to 41.00D (8.23)
Power	-3.00D
Material	Available in any material

LARGE DIAMETER

Diameter	10.2 and 10.5
Base Curve	51.00D (6.62) to 36.00D (9.38)
Power	-3.00D
Material	Available in any material