

Basic Fitting Information

FLEXLENS[®] **POST REFRACTIVE (PRS)**

*If fitting a patient in the Definitive 74%, adjust the Base Curve 0.3mm steeper or the Diameter 0.3mm larger.

Central keratometric readings are of little value in fitting the Post Refractive Lens. A diagnostic set is recommended for most successful fitting of this lens. Select a lens from the diagnostic set with a base curve of 8.7mm and a diameter of 15.0mm.

Allow the lens to settle a few minutes before performing the initial evaluation. If the diagnostic lens does not exhibit obvious edge lift, allow the lens to settle an additional 30 minutes. If the lens does exhibit edge lift or decenters in any direction, this indicates a flat fitting relationship and the next steeper base curve should be tried.

Push Up Test

If the lens centers well, a simple “push-up” test will verify if the base curve is appropriate for the patient. Place your index finger on the patient’s lower lid margin and manually push the lower lens edge up to the lower limbus. Release your finger pressure from the lower lid and evaluate the lens movement. If the decentered lens slowly drops into a centered position, then lens to cornea relationship is appropriate. If the lens remains in a superior decentered position, or if edge stand off is noted as the lens reaches the lower limbus, the base curve relationship is too flat. In this situation, the next steeper base curve/diameter should be evaluated. A steep fitting lens will exhibit resistance to the manual manipulation of the lens with the lower lid. In this situation, the next flatter base curve can be evaluated.

Lens Fitting Evaluation

When evaluating the fit of the Post Refractive Lens, the lens should exhibit:

- Lens centration with 1.0 to 1.5mm of limbal draping.
- Lens movement of 0.25 to 0.50mm in primary position with normal blink.
- Visual acuity within two lines of best corrected vision.

Post-Op K's Range	Base Curve	Diameter	Pre-Op K's Range	Base Curve	Diameter
37.75 - FLATTER	9.0	15.0	41.75 or FLATTER	9.0	15.0
38.00 - 41.00	8.7	15.0	42.00 - 45.00	8.7	15.0
41.25 - STEPPER	8.4	15.0	45.25 - STEPPER	8.4	15.0

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