



Comfort XL Fitting Guide

Lens Fitting

The Comfort XL Lens utilizes a larger overall diameter to distribute the weight of the lens more evenly across the cornea.

1. Begin with a base curve from the trial lens that is the same as you would choose for a standard single vision lens designed for an alignment fit of the corneal curve.
2. While evaluating the fluorescein pattern, take special note of the periphery for an alignment pattern.
5. The power is determined by a spherical refraction over the best fitting lens. The result should give a stable endpoint with acuity comparable to the best acuity expected from this patient. When ordering, adjust the lens power to reflect any change from the diagnostic base curve used in the over refraction. Also, remember to vertex over-refraction greater than 4.00 diopters.
6. The peripheral curve on the back surface of the lens can be ordered steeper or flatter than the standard design of the diagnostic lens if necessary. Use slit lamp magnification, the periphery of the lens should appear to align with the underlining limbal cornea and the edge should show adequate clearance.
7. For ease of insertion and removal, a suction cup is recommended for the patient.
8. A potential mismatch of Comfort XL may be unusual corneas that flatten or steepen