

FITTING INSTRUCTIONS

PURPOSE

This fitting set will help determine the parameters required for a Reverse Geometry GP contact lens on a post refractive surgical cornea when corneal topography or the pre-surgical corneal data is not available.

CONFIGURATION

The fitting set uses a flat central base curve that will conform to the post treatment area of the refractive surgery. Each base curve has a series of reverse secondary curves that will begin to conform with the pre-surgical cornea outside of the treatment area.

BASE CURVE SELECTION

If flat K is between:

34.50 - 36.50 D	Select 9.40 mm Base Curve Series
36.75 - 38.50 D	Select 9.00 mm Base Curve Series
38.75 - 40.50 D	Select 8.60 mm Base Curve Series
40.75 - 42.50 D	Select 8.20 mm Base Curve Series

REVERSE CURVE SELECTION

1. With the base curve series selected, place the flattest reverse curve (**Lens #1**) on the patient and observe the lens centration and peripheral clearance in the slit lamp with fluorescein. If the fit shows central alignment and good alignment in the mid-periphery, perform an over refraction to determine the final power.
2. If the central alignment is adequate but the mid-periphery shows too much clearance or if the initial lens selection does not allow adequate centration to evaluate the fit, select the next steeper reverse curve (**Lens #2**) and observe the fit relationship as noted in step number 1.
3. If the central alignment is adequate or the lens will still not center properly, select the next steeper reverse curve (**Lens #3**) and observe the fit relationship as noted in step number 1.
4. If the central alignment shows excessive central touch or the trial lens will still not center on the cornea or align properly in the mid-periphery, select the next steeper base curve series and repeat steps 1 through 3 until an adequate central and mid-peripheral fit with adequate centration is observed.

READY TO ORDER?

When the best fit relationship is achieved and the over refraction is completed to determine the final power, you are ready to place your Reverse Geometry lens order.

Call our Consultation Department

1-800-566-8001

The consultation staff will assist in providing the remaining parameters to complete your lens order.

TERMS OF USE: This Reverse Geometry Fitting Set is available on a loan basis for a maximum of 30 days. To receive credit for the loaner set, less a \$35 usage fee, the following conditions must be met upon return:

- Case binder must be clean and in acceptable condition for re-use.
- Case must include all 12 lenses & lens holders.
- Opened lens holders must contain the appropriate lens in acceptable condition and will be inspected & verified upon return. Credit will not be granted for missing or non-verifiable lenses.
- Lens holders and lenses must be void of solution, saline, or moisture.
- Complete fitting system must be returned to Art Optical Contact Lens, Inc. within 30 days of order. To accommodate longer fitting cycles, we do grant extensions upon request.

When returning merchandise for credit consideration, Art Optical recommends the use of an insured, traceable shipping method as we cannot be held responsible for items that are not received at our facility.