

Fitting Card



Recommended Patient Selection

- Presbyope (emerging, moderate or advanced)
- No more than 3.00D of WTR corneal astigmatism
- Solid motivation
- Realistic expectations

Pre-Fitting Evaluation - the "A-R-T" method

- Measure **A**dd power requirement
 - Measure spectacle **R**x
 - Record **T**opography or Keratometry readings

Initial Lens Selection

If corneal cylinder is:

- Spherical to 1.00D: fit on flat K
- 1.25 to 1.75D: fit .25D steeper than K
- 2.00 to 2.50D: fit .50D steeper than K
- 2.75 or more: Consider toric or RenovationE our low eccentricity base curve* design option.

(*When fitting RenovationE, reference the base curve chart above and steepen by an additional .50D.)

Diameter Selection

If base curve is:

Diameter is:

- 8.50-8.45mm 9.8mm
- 8.40-7.50mm 9.5mm
- 7.40-7.25mm 9.2mm
- 7.15-6.90mm 9.0mm

Selecting Distance Power

Compensate for vertex distance above +/- 4.00D and for steeper than flat K.

Selecting Add Power

Add 0.50D to the spectacle add power.
If the spectacle add power is +2.00, then contact lens near add power will be +2.50

Initial Lens Evaluation

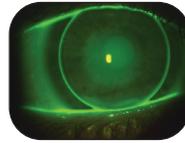
- Allow lens to stabilize on the eye
- Lens should center and move well
- Distance over refraction with phoropter
- Near over refraction with loose lenses
- Fluorescein pattern should be aligned



a well centered Renovation lens fit

High or Low Riding Lenses

Determine if the lens is flat or steep and adjust the fit accordingly.



steep lens fit



flat lens fit



decentered lens



centered lens

Non-Centering Lenses

The lens needs to center well for both distance and near to work. To improve centration, increase lens diameter.

Unacceptable Near Visual Acuity

To gain access to the near power in the lens, the patient should keep their head straight and drop the eyes to read. If add power is insufficient for the patient's needs, the lens can be reordered with a higher add power. Note pupil size. If the pupil is 4.0mm in normal light or smaller, the front distance/intermediate zone can be reduced from the standard 3.95mm to 3.5mm to access the full add more quickly.

Unacceptable Distance Visual Acuity

The distance/intermediate zone can be increased for larger pupils to avoid flare and glare at night. The standard zone is 3.95mm. Increasing this zone to 4.25mm should suffice. Also, if WTR residual cylinder is noted upon over refraction, the center thickness can be increased to prevent lens flexure.

Renovation multifocal lenses are featured in Contamac[®] materials.

Need additional help?
Call our consultation department
to fine tune your Renovation
design for success at
1-800-566-8001

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