RevitalEyes is a custom manufactured soft lens specifically designed for the surgically altered cornea where visual acuity is less than optimal. It is available in two lens material options: standard hydrogel Hioxifilcon B 49% water or Definitive SiHy 74% water material. Note: for Corneal Graft cases, only Definitive SiHy should be used.

**Fitting RevitalEyes**
The fitting curve reflects the unaltered portion of the cornea. The central portion of the lens is flatter than the fitting curve.

*Note: Additional tips on back*

**Step 1 Apply Initial Diagnostic Lens**
For Post Refractive:
- Start with 8.4mm lens.
For Corneal Graft:
- Start with 8.1mm or steeper lens.
Allow lens to equilibrate then evaluate lens movement
  a). Optimal – proceed to next step
  b). Less than Optimal – Apply flatter curve lens and re-evaluate
  c). Excessive – Apply steeper curve lens and re-evaluate

**Step 2 Over-Refract**
Acquire over-refraction of optimal lens fit
  a). Spherical over-refraction
  b). Cylinder over-refraction
  c). Axis of over-refraction
  d). Check orientation marks for rotation.
Over-refraction examples:
-2.00 sphere (no cylinder or axis)
-2.00 sphere -1.00 cylinder @ 90° axis

**Step 3 Order Prescriptive Lens**
 a). Post Refractive Surgery—
 Order patient prescriptive lens according to over-refraction results in your choice of standard hydrogel or Definitive SiHy material.

 b). Corneal Graft—
 Order patient prescriptive lens according to over-refraction results in Definitive SiHy material as these patients require the higher Dk this material delivers.

Include a request for complimentary replacement diagnostic lenses.

*Note: We recommend discarding used Diagnostic Lenses. No Charge replacements are available upon request.*

Always Ahead of the Curve
**Additional fitting tips & Trouble shooting**

**Over-refraction is unstable -**
- Central fit may not be optimal.
- Try flatter or steeper base curve.
- Verified good central fit.
- Order increased center thickness on Rx lens.

**Visual Acuity Improves after blink**
- Central fit is too steep.
- Try flatter base curve.

**Visual Acuity Declines after blink**
- Central fit is too flat.
- Try steeper base curve

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<table>
<thead>
<tr>
<th>Spectacle Lens Power</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>14</th>
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<tr>
<td>Plus Lenses</td>
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<tr>
<td>Vertex Distance / Millimeters</td>
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<td>3.87</td>
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<td>Central fit and Over-refraction is good.</td>
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<tr>
<td>Peripheral fit is too flat -</td>
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<tr>
<td>Note best central fitting base and use steeper lens to determine best peripheral fit.</td>
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</tbody>
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**Central fit and Over-refraction is good.**
- Peripheral fit is too flat -
- Note best central fitting base and use flatter lens to determine best peripheral fit.

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**Vertex Distance / Millimeters**

8.00 | 8.50 | 9.00 | 9.50 | 10.00 | 10.50 | 11.00 | 11.50 | 12.00 | 12.50 | 13.00 | 13.50 | 14.00 | 14.50 | 15.00 | 15.50 | 16.00 | 16.50 | 17.00 | 17.50 | 18.00 | 18.50 | 19.00 | 19.50

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**Table continued...**

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**Note best central fitting base and use steeper lens to determine best peripheral fit.**