Ampleye is designed to completely vault the cornea & limbus. It should land on the sclera with 360° of alignment.

**DIAGNOSTIC LENS SELECTION:**
Trials are fit by patient condition, not K-readings. The depth of the eye determines the initial depth of the trial lens. Lenses are labeled, selected, referenced and ordered according to their sagittal depth (sag).

### INITIAL DIAGNOSTIC LENS SELECTION GUIDE

<table>
<thead>
<tr>
<th>Ocular Assessment</th>
<th>Sag µm</th>
<th>BC mm/D</th>
<th>Power D</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORMAL DEPTH</td>
<td>3400</td>
<td>8.65/39.00D</td>
<td>+4.00</td>
</tr>
<tr>
<td>Normal Eyes, Oblate Corneas</td>
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<tr>
<td>MEDIAN DEPTH</td>
<td>3800</td>
<td>8.04/42.00D</td>
<td>PLANO</td>
</tr>
<tr>
<td>Keratoconus, PMD</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>HIGH DEPTH</td>
<td>4200</td>
<td>7.03/48.00D</td>
<td>-6.00</td>
</tr>
<tr>
<td>Advanced/Bulging Keratoconus, PK</td>
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</tbody>
</table>

**NOTE:** 15.0 mm Dx lenses have a spherical periphery. 15.5 mm Dx lenses have a 125µm toric haptic periphery.

1. **Perform Ocular Assessment & Select Initial Diagnostic Based on Patient’s Condition**
   - Fill bowl with non-preserved saline & add fluorescein generously.
   - Place lens on eye and check with blue light to assure there are no bubbles present. If bubbles are present, remove and reinsert lens.

2. **Evaluate the Lens Fit**
   - Allow lens to settle on eye for a minimum of 20 minutes.
   - Use slit lamp blue light with diffused illumination to assess fit.
   - Use slit lamp optic section and compare the center thickness of the trial lens (300µm) to the posterior tear layer to measure central vault while ensuring limbal clearance.

   **Ideal Central Vault = 250-400µm**
   - < 250µm of central vault but not touching - note the amount of excess clearance and adjust on the Rx lens order. If touch is present, select a trial lens with a sag that is 400µm higher than the current lens.
   - > 400µm of central vault - note the amount of excess clearance and adjust on the Rx lens order.

   **Peripheral Cornea Vault Observation**
   Make sure there is peripheral corneal vault as opposed to peripheral corneal touch. If there is peripheral corneal touch adjust the **Peripheral Corneal Zone (PCZ)** by +5 steps (125µm) when placing your Rx order.

   **Limbal Vault Observation**
   Make sure there is limbal vault as opposed to limbal touch. If there is limbal touch, adjust the **Limbal Lift Zone (LLZ)** by +3 steps (75µm) when placing your Rx order.

3. **Over-Refract**
   - Perform sphero-cylinder over-refraction.
   - If front cylinder is required, the 15.5 diameter with toric haptic periphery will need to be trialed. Observe sag mark location. If sag mark is not at 270°, compensate for any rotation using LARS.

4. **Order the Rx Lens by Calling Art Optical & Providing:**
   - Sag of best-fitting trial lens
   - Over-refraction
   - Clock position of toric sag mark on 15.5 trial if cylinder is required.

**CONSULTATION:** 800.566.8001