

# Fitting Guidelines

## C•VUE ADVANCED® HYDRAVUE TORIC MULTIFOCAL

Soft (efrofilcon A) Aspheric Contact Lens

### SUGGESTED PATIENT CRITERIA:

- Normal binocular vision and good ocular health
- Refractive astigmatism between -0.75D and -4.00D
- ADD requirements up to +2.50D
- Patients with high motivation

### LENS SELECTION:

**NOTE:** Lens parameters to order can also be determined using the fitting calculator located on our website [www.unilens.com](http://www.unilens.com).

#### STANDARD PARAMETERS:

**Base Curve/Diameter:** 8.0/14.0 to 9.1/15.0

**Powers:** +20.00 to -20.00D

**ADD powers:** up to +3.00D

**Cylinder:** up to -4.00D

**Axis:** any axis in 1° steps

**Orientation mark:** 6 o'clock position

#### INITIAL FIT DETERMINATION:

##### Base Curve and Diameter

| Flattest 'K'     | Base Curve | Diameter |
|------------------|------------|----------|
| 49.50D to 48.75D | 8.0        | 14.0     |
| 48.50D to 47.75D | 8.1        | 14.0     |
| 47.50D to 46.75D | 8.2        | 14.5     |
| 46.50D to 45.75D | 8.3        | 14.5     |
| 45.50D to 44.75D | 8.4        | 14.5     |
| 44.50D to 43.75D | 8.5        | 14.5     |
| 43.50D to 43.00D | 8.6        | 14.5     |
| 42.75D to 42.25D | 8.7        | 14.5     |
| 42.00D to 41.25D | 8.8        | 14.5     |
| 41.00D to 40.50D | 8.9        | 14.5     |
| 40.25D to 39.75D | 9.0        | 15.0     |
| 39.50D to 38.75D | 9.1        | 15.0     |

The criteria for the optimum C•VUE Advanced HydraVUE Toric Multifocal Contact Lens fit is to select the flattest base curve which centers well, exhibits stable rotation and does not move excessively.

##### Distance Power

Order based on the patient's refractive distance Rx in minus cylinder form (vertexed if necessary).

##### Cylinder power

Sum the refractive sphere and cylinder powers and vertex if greater than 4.00D. Calculate the adjusted cylinder power to order by subtracting the vertex corrected distance power.

##### ADD power

- For distance powers of PLANO or minus power, order the refractive ADD power.
- For distance powers +0.25D or greater, order the refractive ADD power less 0.25D.
- For distance powers greater than +2.00D and refractive ADD powers greater than +2.25D, order the refractive ADD power less 0.50D.

##### ADD zone diameter

The central ADD zone for this lens is set at a diameter of 2.4mm which will accommodate most patients. For pupil sizes smaller than 3.0mm, a near ADD zone of 1.8mm to 2.3mm may be beneficial. If greater than 4.0mm, a near ADD zone of 2.5mm to 3.0mm is suggested. Refer to the FITTING ASSESSMENT & SYMPTOM RESOLUTION section of this fitting guideline for additional information on use of the ADD zone diameter parameter.

##### Axis

Order cylinder axis in minus cylinder form.

### LENS FITTING:

- Allow lenses to equilibrate for 10 minutes.
- Lens should center well with 0.5mm to 1.0mm movement with blink in primary gaze.
- Measure distance and near acuities in normal room illumination.
- Lens rotation must be stable.
- Opti-Free Replenish® solution recommended for the care of HydraVUE lenses.

### FITTING ASSESSMENT & SYMPTOM RESOLUTION:

- Lens comfort should be acceptable after equilibration.
- Patient expectations should be realistic, as with any multifocal lens. Night vision should be acceptable - as a result of pupil dilation, more distance area is available. Headlights may produce glare.
- The design incorporates a full range of powers in the optic zone. Subsequently, centration is essential with higher ADD powers.
- When over refracting, keep in mind: As a multifocal design, the clearest image may be at any point within the range of lens powers.

The patient may experience a greater ADD power effect on the eye than is in the lens. (This occurs more frequently with hyperopes than myopes.) If this occurs, an acceptable over refraction may not be possible because of compromised vision. Determine the closest point before near vision blurs and if less than 15 inches, the ADD power should be reduced.

**Excessive movement:** Select steeper base curve.

**Minimal to no movement:** Select flatter base curve.

**Decentration:** Select steeper base curve.

**Inconsistent or excessive rotation:** Select steeper base curve.

**Distance visual acuity unacceptable:** If rotation is stable, perform a spherocylinder over-refraction using the least minus power to obtain acceptable distance vision. Then perform a spherocylinder over-refraction calculation to determine the correct distance and cylinder powers. Additionally, the ADD zone diameter can be reduced to improve distance VA.

**Near visual acuity unacceptable:** If rotation is stable and distance acuity is acceptable, over-refract to obtain the least plus power for acceptable near vision and add this over-refraction to the ADD power. Additionally, the ADD zone diameter can be increased to improve the near VA.

**NOTE:** It is not uncommon to have the ADD zone diameter in the dominant eye set 0.1mm smaller than the non-dominant eye, even with pupils of equal size.



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