

Duette™

contact lenses for astigmatism

fitting guide

Step 1:
Determine the Best
Fitting Lens

Step 2:
Determine the Lens Power

Step 3:
Demonstrate Crisp,
Consistent Vision

FITTING TIPS

*Due to topographer variability,
Sim K readings are not
recommended.*

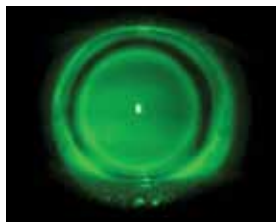
*Fluorescein on the front of the lens
can lead to incorrect reading of
the pattern: 2-3 drops of saline on
the front of the lens will remove
any fluorescein from the front
surface.*

*Use the yellow Wratten filter
(provided) over the objective
lens of the slit-lamp to create
additional contrast in the
fluorescein pattern.*

STEP 1: DETERMINE THE DUETTE FIT

The goal of this step is to compare the steep and medium skirt curves to determine the best fit.

- Use the Duette slide rule to determine the base curve corresponding to the patient's Flat K (keratometry readings should be used).
- Select the lens with the recommended base curve and medium skirt curve for one eye, and steep skirt curve for the other eye.
 - If the recommended base curve is different for each eye, compare the steep and medium skirts in each eye independently.
- Wet a standard fluorescein strip and place one drop of fluorescein in the lens. Fill the remainder of the bowl with saline and insert the lens.
- Allow the lens to settle for 2-3 minutes, and then assess the fluorescein pattern.
- The ideal fluorescein pattern will demonstrate a thin layer of fluorescein in the central portion of the lens with no area of bearing and a "halo" at the junction area.



SKIRT TOO STEEP

Central Pooling
Halo at Junction
Difficult to Distinguish



CORRECT SKIRT

Thin Layer of Fluorescein Centrally
No Area of Bearing
Easily Identifiable Halo at Junction



SKIRT TOO FLAT

Central Bearing

FITTING TIPS

Using the fogging method will prevent over-minus.

The final lens power is expected to be 0.25D to 1.00D higher minus than the patient's spherical spectacle Rx.

STEP 2: DETERMINE THE LENS POWER

- Remove the lens with the improper skirt curve and replace it with the lens having the correct skirt curve.
- Using the plus fogging method, perform an over-refraction, keeping in mind that there is a -3.00D power in the diagnostic lens.
- Calculate the final lens power using the conversion tool on the back side of the Duette slide rule.

STEP 3: DEMONSTRATE CRISP, CONSISTENT VISION

- Use trial lens frames to demonstrate vision to the patient with the final lens Rx in place.
- If lenses are comfortable and the patient is satisfied with the visual outcome, order the lenses in the selected parameters.

NEW TECHNOLOGY FOR ASTIGMATISM

DuetteTM
contact lenses for astigmatism

CUSTOMER CARE:

Phone: 877.733.2012, option 1
Fax: 877.329.2012

TECHNICAL CONSULTATION:

Phone: 877.733.2012, option 2
Email: consultation@synergeyes.com

MORE INFORMATION:

For additional information on fitting DuetteTM, please visit www.FitSynergEyes.com