Minutes-To-Fit Success Fitting Guide

Duette™ MULTIFOCAL contact lenses for presbyopia

SELECT & VERIFY

SELECT BASE CURVE
select base curve from nomogram using flat K

INSERT LENS
insert medium skirt/small zone OU using NaFl

VERIFY BASE CURVE
over-refract to verify base curve

If lens power is 0.25 to 1.00 more minus than sph. pwr. of spectacle Rx

VERIFY SKIRT
check NaFl pattern to verify skirt

If pattern evenly distributed (Fig. 1)

if lens power is

- ~ 1.00D more minus than sph. pwr. of spectacle Rx - flatten base curve
- less minus than sph. pwr. of spectacle Rx - steepen base curve

if bearing

- See Fig. 3. insert steep skirt/ small zone steep/large

if pooling

- See Fig. 2. Call consultation

FINALIZE & DEMONSTRATE

SELECT POWER & ZONE
over-refract check distance and near vision

If patient is happy with vision

SHOW VISION
demonstrate vision and order lenses using power conversion tool

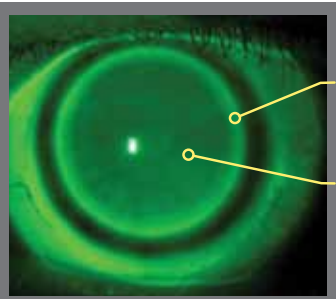
If patient is not happy with vision

- insert large zone

If patient is still not happy

- over-refract lens and check for uncorrected cylinder

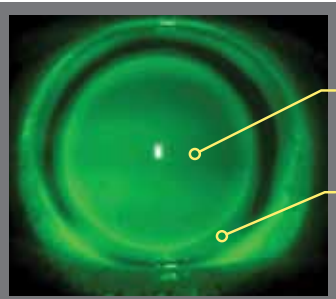
patient not a candidate



Green NaFl ring clearly defined

RGP portion uniform & slightly lighter than ring

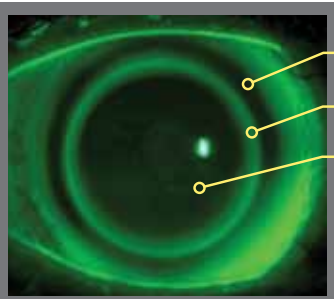
FIG 1 - CORRECT SKIRT: thin layer evenly distributed



RGP portion similar green color to ring, indicates pooling

NaFl ring undefined

FIG 2 - SKIRT TOO STEEP: pooling

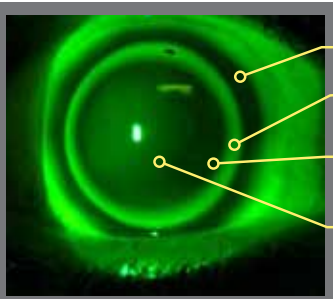


Soft skirt

Green NaFl ring

RGP portion similar black color to soft skirt indicates bearing

FIG 3 - SKIRT TOO FLAT: black color indicates bearing



Soft skirt

Green NaFl ring

Dark area indicates bearing

RGP portion similar green color to ring indicates pooling

FIG 4 - BASE CURVE TOO STEEP OR SKIRT TOO FLAT

Reference Guide

Duette™ MULTIFOCAL
contact lenses for presbyopia

The goal is to have a successful fit, which means delivering vision that meets or exceeds a patient's expectation. Correctly setting that expectation is often the key factor in achieving success.

SELECT BASE CURVE

select base curve from nomogram using flat K

Select the correct base and skirt for the best fit. Add zone size is irrelevant until the proper lens fit has been determined.

- Use the Duette® Multifocal slide rule to determine the base curve corresponding to the patient's flat K. Use keratometry readings since the nomogram is based on measurements of the central 3 mm of the eye. If you use a topographer, make sure to use the reading based on the central 3mm.

INSERT LENS

insert medium skirt/small zone OU using NaFl

- Select the lens with the recommended base curve and medium skirt small zone OU.
- 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.

VERIFY BASE CURVE

over-refract to verify base curve

- While waiting 3 minutes for the lens to settle, conduct an over-refraction or auto-refraction to verify the base curve is correct.
- If the base curve is correct, the contact lens power will be about 0.25D to 1.00D more minus than the spherical power (not spherical equivalent) of the patient's spectacle Rx (minus cylinder form).

VERIFY SKIRT

check NaFl pattern to verify skirt

After 3 minutes, evaluate the fluorescein pattern.

The ideal pattern will show a defined "ring" at the junction. The color inside the ring will be slightly lighter green than the color of the ring itself and should uniformly cover the RGP. If there are any black portions inside the ring, that indicates possible bearing. If this is the case, insert a steeper skirt. See photos.

SELECT POWER & ZONE

over-refract check distance and near vision

- Using the plus fogging method, perform a monocular distance over-refraction keeping in mind that there is a -3.00D power in the diagnostic lens.
- Check visual acuity at distance and near. If the patient is happy with the vision, then this is the correct zone.
- If the patient is not happy, replace the small zone with the large zone and repeat the over-refraction. Choose the lens that delivers the best vision.

SHOW VISION

demonstrate vision and order lenses using power conversion tool

*Demonstrate **True Binocular Vision***

- Use trial lens frames to demonstrate binocular vision to the patient with the final lens Rx in place.
- Have the patient experience real-world situations, like looking at their cell phone, a computer screen or a magazine. Have them look at items in the waiting room or read signs outside.
- If lenses are comfortable and the patient is satisfied with the visual outcome, order the lenses in the selected parameters. Calculate the final lens power using the Power Conversion Tool.