

## CASE STUDY

Post-Refractive Surgery/Presbyopia

Nicole A. Edwards, NCLE-AC

JG Female 48

### HISTORY

Patient JG, age 48, is a post LASIK female. The procedure was done in August of 1998. Since the LASIK procedure, the patient complains of aberrations and some halos at night.

#### PRE-SURGICAL INFO 1997

	OD	OS
Spectacle RX	-4.25 +1.25 x 010 20/20	-4.75 +0.50 x 170 20/20
Keratometry	43.87/43.50	43.87/43.62

#### PRE-SURGICAL INFO 2003

	OD	OS
Spectacle RX	Plano -0.75 x 100 20/20	Plano -0.50 x 100 20/20

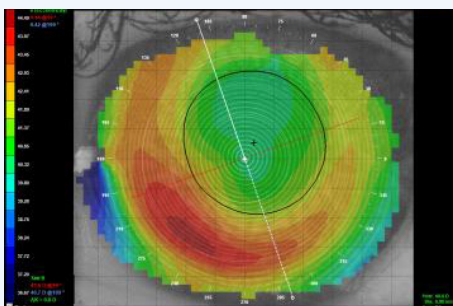
#### MOST RECENT INFO 2011

	OD	OS
Spectacle RX	+0.25 -1.00 x 100	-0.25 -0.75 x 090

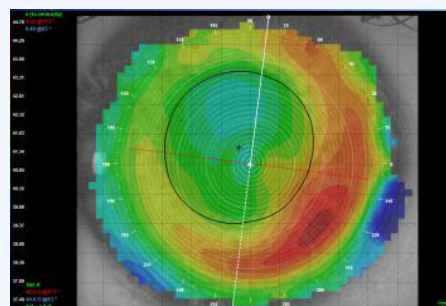
Add of +1.75 OU

At this time, corneal topography was taken to aid in the fit of the patient's GP lenses. The topography information is as follows:

OD



OS



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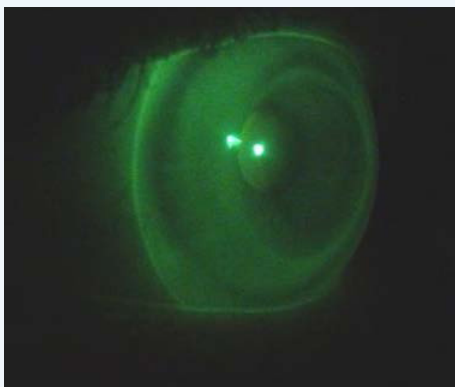
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The option selected for contact lens wear was a GP in a reverse geometry corneal scleral lens design, with a center multifocal option for near correction of the OD. The centre near multifocal was not an option for the OS, due to a decentered apex. The material selected was Optimum Extra™ with plasma coating, since the patient had worn this material in a previous GP reverse geometry corneal lens with, good comfort and wettability.

	OD	OS
Base Curve	8.40	8.40
Diameter	14.00	14.00
Power	-0.25	-0.75
Parameters Used	+2.25 add SoClear™ Progressive with a center near multifocal zone of 3.00mm and a 3.00 Diopter steep peripheral adjustment	SoClear™ design for distance only with 3.00 Diopter steep peripheral adjustment

The patient's acuity with the lenses is 20/25 +2 OU and J2 near on the OD. The fluorescein pattern shows scleral alignment, mid-peripheral alignment, and good central alignment over the post LASIK treatment zone, as noted in the pictures below.

OD



OS



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