

## CASE STUDY

### USING BOSTONSIGHT SCLERAL SMART360® TO DESIGN A LENS FOR DRY EYE RELIEF

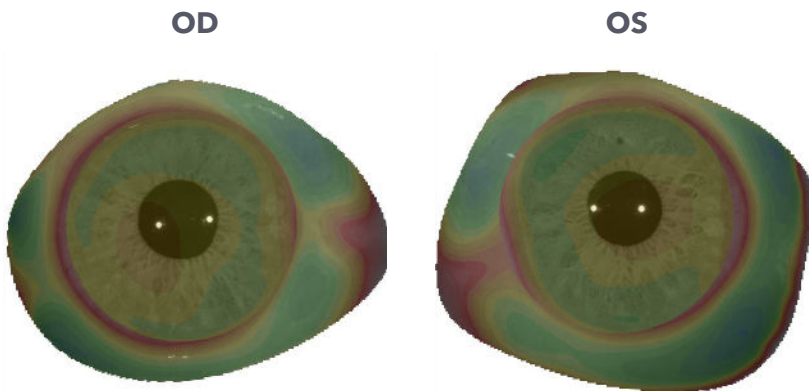
#### BACKGROUND

Female patient age 38 presented with dry eye disease. She is a minus 7 myope who has worn premium soft contacts her whole life. Even still she suffers from dry eye disease and SPK. She would use 10 drops a day of ATs to help her dry eye. She did not require visual improvement but rather a lens to provide relief from her dry eye symptoms.

#### PROTOCOL

I chose to use BostonSight SCLERAL's Smart360 design technology to design a free-form scleral lens and allow the Eaglet Eye ESP and BostonSight SCLERAL to do the fitting for us. I used the Eaglet ESP to scan her eyes and uploaded the scan to my FitConnect® account via DirectConnect.

#### PATIENT SCAN WITH EAGLET EYE ESP



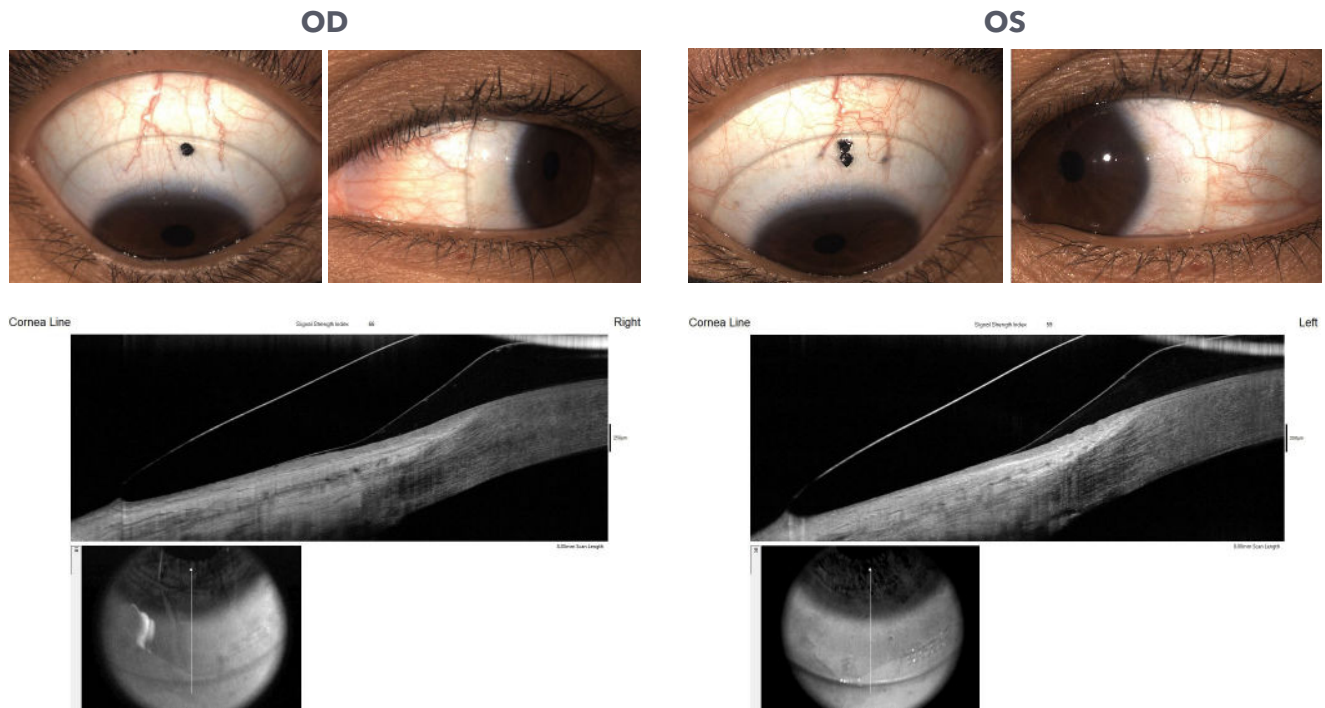
**DR. BRADLEY  
RICHLIN**

Dr. Richlin, OD &  
Associates

*Dr. Richlin operates a practice in Beverly Hills, California, Dr. Richlin, OD & Associates. He is skilled in delivering a wide range of optometric services, including the treatment and management of eye diseases, specialty contact lenses, corneal refractive therapy, and the pre-operative and post-operative care of patients. He also has a special interest in dry eye disease, specialty contact lenses, and primary care. In addition to his work at Dr. Richlin, OD & Associates, Dr. Richlin also practices on the staff at Cedars Sinai Medical Center in Los Angeles and serves on the board of the Los Angeles County Optometric Society.*

## SCLERAL LENS FITTINGS

Designed an 18.5mm lens. The first lens design came out beautifully, with a smooth, comfortable fit. No adjustments were needed.



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## RESULTS

### **All-day comfort, relief from dry eye symptoms, and improved vision/stability.**

Patient reports exceptional comfort and relief from dry eye symptoms. She wears the lenses from 5 a.m. to 10 p.m. every day with no symptoms or corneal findings. With her sclerals she needs only 2 drops a day of ATs, a.m. and p.m. She had a lot of fluctuating vision with soft lenses due to dryness but now has all-day comfort and improved vision/stability with her BostonSight SCLERALS.