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## BostonSight SCLERAL FitAssist™ Program:

### The Gift of Sight That Keeps on Giving

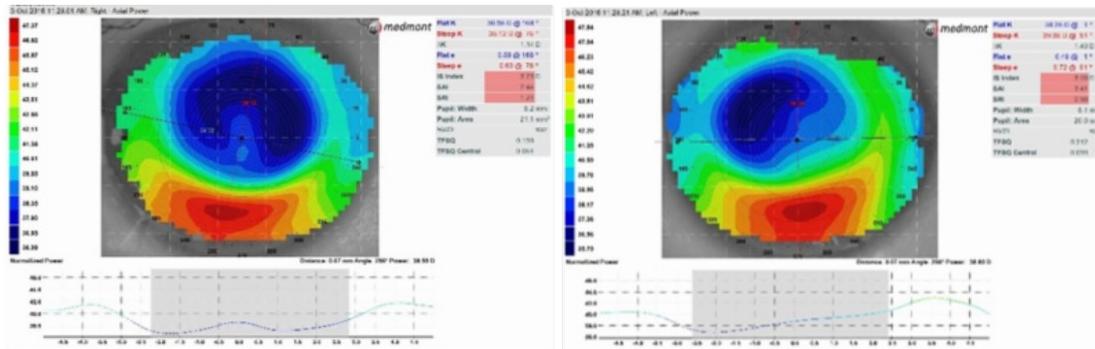
#### Case Report

A 54-year-old Caucasian female presented to our clinic for a contact lens evaluation. She had an ocular history significant for iatrogenic corneal ectasia, secondary to LASIK OU. Her BCVA through glasses was 20/125, PH 20/25-1 in the right eye and 20/70 PH 20/20-1 in the left. Her contact lens history was significant for scleral contact lenses (fitted on 2/14/17). She was fitted into a spherical scleral lens design with the parameters of 43.00/-13.50/16.0 OD and 44.00/-9.23/16.0 OS.

When she came back for a progress visit later in the year (10/20/17), she relayed that her eyes were constantly irritated while wearing the lenses and

experiences mid-day fogging after a few hours of wear. She often needed to remove the lenses and re-apply throughout the day to clear up the fog. Her BCVA had decreased to 20/100 OD and 20/25 OS. An over refraction of +1.00 brought her down to 20/50 OD. No over-refraction noted OS at this time.

After further evaluation of the lens fit and refraction, it was determined that a refit into a new scleral contact lens was necessary for better health and vision of the eye. However, due to financial constraints, she was unable to afford new lenses.



## BostonSight SCLERAL

To improve scleral lens customization and improve patient comfort, we needed to refit the patient with a quad-specific lens design. BostonSight SCLERAL is the first data-driven lens design with built-in scleral shape. It also offers the Beyond the Fit™ Program, which is a three-part program, which includes FitAssist™, a program designed to reduce the financial barriers to BostonSight SCLERAL. Thanks to this program, there was no cost associated with the lenses, and we moved forward with refitting.

Final Parameters:

BCVA

OD: BostonSight SCLERAL/STD/FSE1/18.0/-13.25/ BCVA: 20/50-2 (PH 20/40)

OS: BostonSight SCLERAL/STD/FSE1 /18.0/-7.00/ BCVA: 20/20

At the following progress evaluation, the patient reported good comfort, improvement in vision and decreased in frequency of mid-day fogging in both lenses.

## Benefits of a Data-Driven Design based on objective patient outcomes: Improved Efficiency

*It took only one remake and two office visits to fit her eyes.*

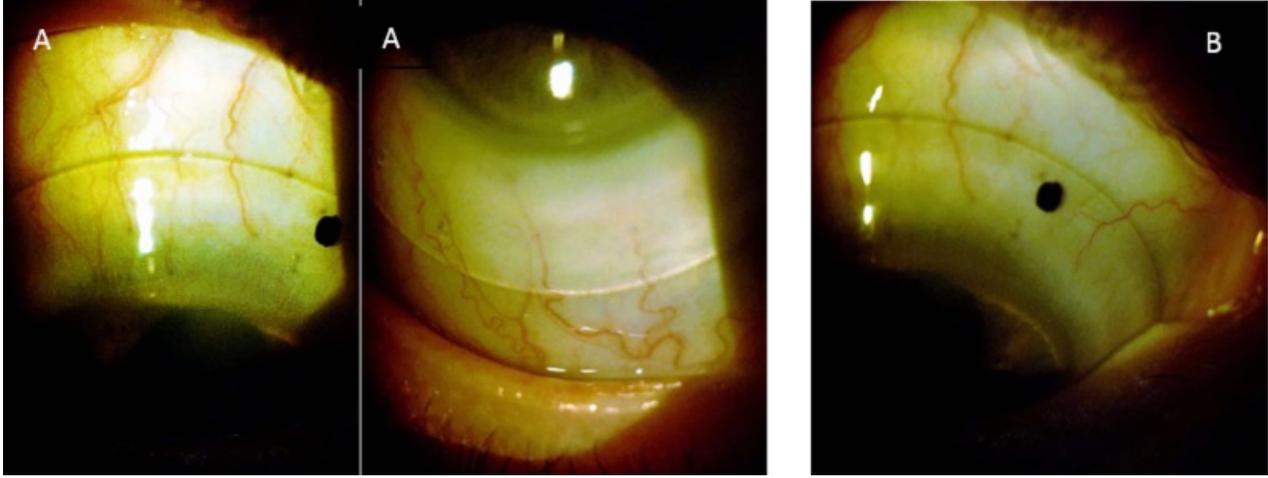


Figure 2. Slit-lamp photos, right (A) and left eye (B), respectively.

## A Happy Patient

With the generosity of BostonSight and BostonSight SCLERAL's Beyond the Fit™ Program, FitAssist™, the patient now has optimal vision with drastically improved comfort. The customizable, quadrant-specific haptics allowed an aligned fit on the patient's sclera, provided exceptional comfort, while promoting the health of the ocular surface. BostonSight SCLERAL lenses improved vision, comfort, and her quality of life for this patient. By also reducing financial barriers for patients who can't afford scleral lenses, it also made the gift of sight possible for this patient.

### Beyond The Fit™ Program

**FitConnect™**      **MyFitReport™**      **FitAssist™**



**FitConnect™:** An intuitive, web-based fitting and order management system for BostonSight SCLERAL which empowers the practitioner to:

- Make modifications in real-time for more accurate endpoints
- Adjust designs using graphical representations of individual hemi-meridian profiles
- Modify sagittal height and 4 independent hemi-meridians



**FitAssist™:** BostonSight is reducing financial barriers to BostonSight SCLERAL by offering a scleral lens voucher program



**MyFitReport™:** Provides patient-generated health data (PGHD), with patient-specific feedback, to allow practitioners to evaluate product performance and patient satisfaction



Melanie Frogozo, OD

Dr. Melanie Frogozo completed a residency from the University of Houston College of Optometry in cornea and contact lenses. After residency, she took a faculty position with the University of Iowa Department of Ophthalmology and Visual Sciences where she continued to develop her specialty. Currently, she is owner of Alamo Eye Care and Contact Lens Institute of San Antonio a private practice optometry clinic dedicated to specialty contact lenses in San Antonio, Texas.

Her expertise is managing very complex corneal and anterior segment cases with specialty contact lenses such as keratoconus, pediatric aphakia, and ocular surface disease. She also enjoys contact lens fitting for presbyopia and myopia control. She is a fellow of the American Academy of Optometry and the Scleral Lens Education Society, an advisory board member for the Gas Permeable Lens Institute, a member for

the Contact Lens Section of the American Optometric Association, and a member of the Texas Optometric Association. Also, she is an adjunct faculty member for the University of Incarnate Word Rosenberg School of Optometry, a contributing columnist for the leading contact lens information source Contact Lens Spectrum, and recipient of the 40 under 40 San Antonio award.



Lavang Lee, BS

Lavang is currently attending The Rosenberg School of Optometry in San Antonio and will be graduating in May of 2018. She is originally from Sugar Land, Texas and wishes to return once she is done with her education. She completed her externship training at The Contact Lens Institute of San Antonio in 2017 under Dr. Melanie Frogozo where she was trained in specialty contact lenses. She has an exceptional interest in corneal diseases and contact lenses and wants to pursue a residency after she graduates. She is a student member of the Scleral Lens Education Society and is actively involved in the Student Texas Optometric Association.



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who have tried our  
SCLERAL lens would  
recommend them  
to others



reported by practitioners  
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The BostonSight Lab is an FDA compliant and ISO certified manufacturing lab.

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