

BostonSight SCLERAL is the first scleral lens to incorporate SmartSight™ Technology and different front surface eccentricity options to improve qualitative and quantitative vision. Complementing our SmartSight™ Technology, we will soon launch SmartSight™ HOA Technology. With BostonSight SCLERAL, you can customize the lens with quadrant-specific haptics, three front surface eccentricity options, and 18.0 mm, 18.5 mm, and 19.0 mm diameter designs. BostonSight SCLERAL is an excellent scleral lens choice for irregular corneas.

Learn more about how our SmartSight™ Technology helped to optimize vision with the Front Surface Eccentricity (FSE) feature in the case study below.

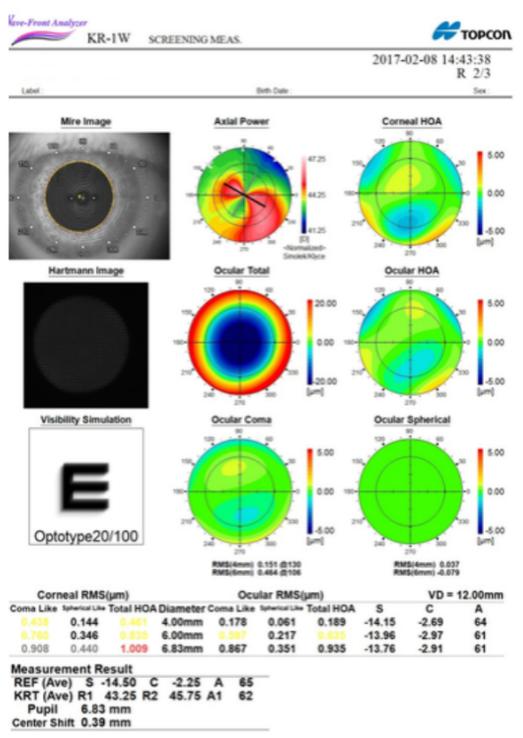
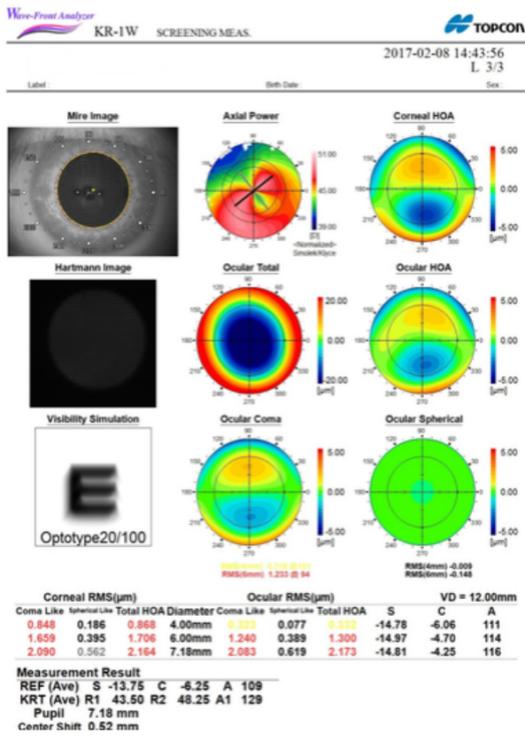
CASE STUDY

B.V. is a 33 year old female with pellucid marginal degeneration OS>OD and myopic degeneration OU. For the past two years she has been wearing mini-scleral lenses of an unknown brand. She is able to wear her lenses all day comfortably, however her vision is not as clear as she would like. In addition, over the past few months she has been receiving treatment in her right eye for myopic macular degeneration. She was referred to us by her retinal specialist to see if we could help her achieve better vision with lenses.

VA with current mini-scleral lenses:

OD 20/250 SOR -1.75 20/70 with shadowing
OS 20/60 SOR -1.00 20/30 with shadowing

Topography



SCLERAL LENS FITTINGS

Attempted Standard 17.0 mm scleral lenses:

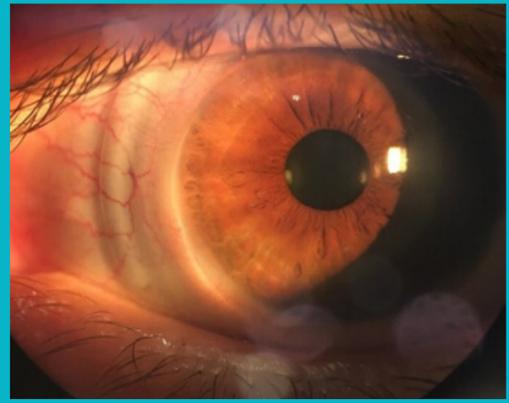
OD: BCVA 20/60 NI with OR
OS: BCVA 20/60 with heavy shadowing NI with OR



Right Eye

Attempted BostonSight SCLERAL lenses:

OD: 18.5mm / Flat Distribution / 2.8 mm sag / +0.25/ FSE 1
Rx: -10.00 -1.37 x080 BCVA 20/30-
OS: 18.5mm / Flat Distribution / 2.8 mm sag /+0.25/ FSE 1
Rx: -10.75 -0.62 x055 BCVA 20/25+



Left Eye

Excellent fit and all day comfort OU with BostonSight SCLERAL. Proceeded with BostonSight SCLERAL fitting.

RESULTS



Hadn't seen this well in years.

The patient was extremely satisfied with her vision in BostonSight SCLERAL, and noted she "hadn't seen this well in years." We had initially attempted to fit her with a standard 17.0 mm scleral lens OU, but her vision never improved beyond 20/60, and subjectively she felt the vision was worse than her old lenses.

With BostonSight SCLERAL, we were able to capitalize on SmartSight™ Technology, and our different front surface eccentricity (FSE) options, which helped to dramatically reduce shadowing and ghosting in her vision. As a result, her vision improved beyond what she thought she was capable of seeing.

Dr. Nancy McBride specializes in the fitting of soft and rigid contact lenses, including scleral lenses for patients with severe corneal disease. She currently practices at Professional Vision Care Associates in Sherman Oaks, California.

