

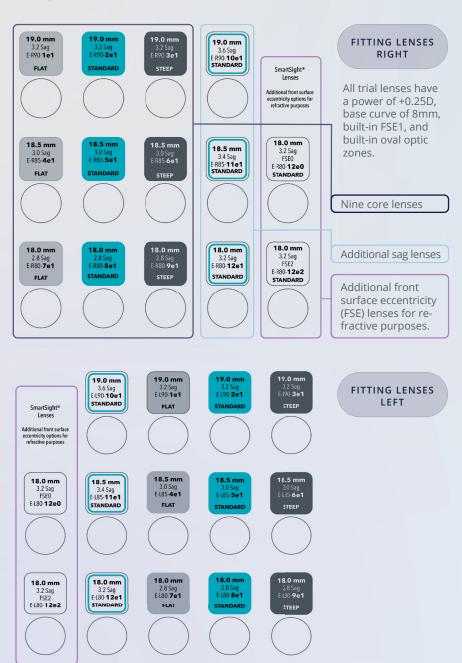
FitKit® Mini-Guide

FOR 16-19mm SCLERAL LENSES

BostonSight® 464 Hillside Avenue, Suite 205 Needham, MA 02494

888-SCLERAL (888-725-3725) BostonSightSCLERAL.org

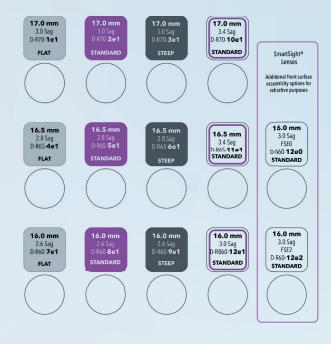
18, 18.5 and 19mm FitKit®



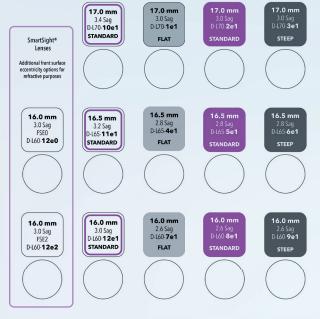
16, 16.5, and 17mm FitKit®

FITTING LENSES RIGHT

All trial lenses have a power of +0.25D, base curve of 8mm, built-in FSE1, and built-in oval optic zones.



FITTING LENSES LEFT



Lens Handling and Conditioning

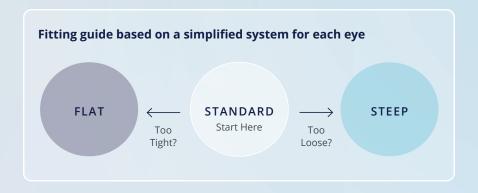
Trial lenses in the FitKit will be shipped wet to ensure proper wetting. The conditioning solution must be replaced with fresh solution (i.e. Boston Simplus) upon FitKit receipt and must be replaced every 30 days. Proper cleaning, disinfection and handling is required before each use.

- (1) Wash hands thoroughly with non-moisturizing soap and water before handling lenses.
- (2) Place one lens in the palm of your hand. Place one or two drops of your daily cleaning solution on the outside surface of the lens and rub gently for 15 seconds. Flip the lens over and do the same on the inside surface of the lens.
- (3) Rinse the lens thoroughly with preservative-free saline.
- 4 Place lens in conditioning solution, such as Boston Simplus, for at least 1 hour before use.

Your BostonSight SCLERAL trial lens is now ready for patient application.

Fitting Algorithm Schematic

- (1) Choose diameter.
- (2) Start at the center with a standard shape lens and standard sagittal depth at each given diameter.
- (3) If the standard shape lens fits loose, choose the steep shape lens.
- (4) If the standard shape lens fits tight, choose the flat shape lens.



BETTER WEIGHT DISTRIBUTION FOR HIGH SAG CORNEAS

18mm

- Normal cornea with ocular surface disease
- Post surgical cornea with moderate ectasia
- Compromised/fragile grafts
- Chronic exposure
- Moderate keratoconus
- Limbal stem cell deficiency
- HVID> 11.50mm

18.5 - 19mm

- Advanced keratoconus (Approx. 65D+)
- Post surgical cornea with highly irregular ectasia
- Advanced ocular surface disease
 - GVHD
 - SJS
 - · Sjögren's

Fitting Principles

The process of fitting the BostonSight SCLERAL lens is based on identifying the best fitting trial lenses and adapting their geometries and power to create eye-specific lenses.

- (1) Identify the trial lens having the best initial fit using the fitting algorithm.
- Re-evaluate the fit after the appropriate settling time. (2)
- (3) When indicated, replace with one having more appropriate parameters.
- (4) Repeat the process until the best fitting trial lens is identified.
- (5) Perform spherical over-refraction to determine lens power. Vision may be optimized using a different trial with different front eccentricity values or by performing sphero-cylindrical refraction over the final diagnostic lens.
- (6) Order the lens with any modifications as needed in FitConnect®.

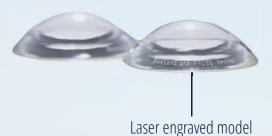
Lens Identification

Easy diagnostic lens ID with unique laser-engraved model number

E-R 80-1 LENS SET DIAMETER LENS NUM- ECCENTRICITY EYE SFRIFS R VS. I BFR 1-2 FSEO, FSE1 OR FSE2

Example Shown:

Lens Set Series: E Right Lens 18.0mm diameter Lens #1 FSE1



number location



Your partner in saving sight.

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