Eaglet Eye Surface Profiler (ESP) and BostonSight SCLERAL Algorithm

**Eaglet Eye ESP**, with its advanced ocular measuring devices that enable precise eye surface profiling (ESP), can be used to fit BostonSight SCLERAL lenses, providing practitioners with key benefits:

- IMAGE-GUIDED FITTING
- REDUCED PATIENT CHAIR TIME
- COMFORTABLE, CUSTOM-FIT LENSES
- GREATER PATIENT SATISFACTION

**Get Started with BostonSight SCLERAL Image-Guided Fitting Today!**

1. Select the patient  
2. Select best measurement  
3. Click on the “First Lens Fit” tool  
4. Select “BostonSight” as manufacturer and “SCLERAL” as your design type  
5. Choose diameter (18, 18.5, or 19mm)  
6. Click “Calculate”

BostonSight SCLERAL parameters displayed by the First Lens Fit tool are indicated as changes from trial lens number 5 for the right or left eye, for each diameter. The values predicted by the First Lens Fit algorithm are *the predicted changes* required for each of the designated parameters: Sag, Base Curve, and Quadrant-Specific Haptic Changes.

When ordering your lens, apply the corresponding R-5e1, R-5e0, R-5e2 or L-5e1, L-5e0, L-5e2 trial lens on the patient’s eye to obtain over-refraction data (*note that you will choose either the e0 or e2 lenses for over-refraction, only if needed. For questions, please refer to your BostonSight SCLERAL fitting consultant at 888-SCLERAL, option 2*). Then login into FitConnect, select the diameter of choice, choose the corresponding R-5 or L-5 trial, enter over-refraction data and enter the changes proposed by Eaglet’s ESP to lens parameters.