



The only lens you'll ever need.

Smart360[®] Mini-Guide

FOR 14.5mm-19mm SCLERAL LENSES



BostonSight[®]
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Needham, MA 02494

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

The Key to Success: A High Quality Scan

A high quality OCULUS® Pentacam CSP scan is key to designing a successful free-form lens. A high-quality scan will display a clear, dark background on the individual cross-sectional images, confirming proper focus and alignment.

Scan tips:

- **Location:** The Pentacam must be in a dark room.
- **Lubrication:** Pathological or dry eyes can be challenging to measure; ensure they are well-lubricated. For dry eye patients, ask them to use extra lubricating drops for 3 to 4 days before the appointment. This will improve the tear film quality.
- **Anesthetic:** Use topical anesthesia on the patient's eye to help them stay focused.
- **Fluorescein:** Every part of the exposed ocular surface covered with fluorescein will be measured; ensure there is enough fluorescein — more is better.
- **Proper eyelid spread:** Scan size is dependent on how much of the ocular surface is exposed. A wider opening is essential, especially when fitting larger lenses. Expose the ocular surface using lid sticks, Q-tips, or finger cots to aid in holding the lids open. Ensure your fingers do not obstruct the camera.
- **Focus:** Similar to photography, precise device focusing is crucial.
- **Speed:** Be fast! Some pathological eyes tend to dry out quickly, thus speed is key.

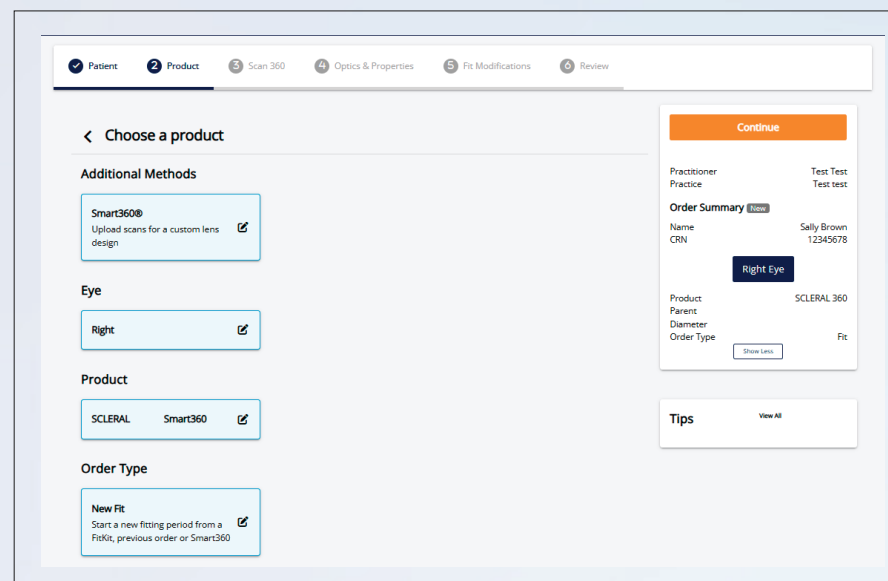
If you require assistance with scan acquisition, contact OCULUS directly via one of the following options:

- By Phone at 425-670-9977 and ask for Clinical Application
- By Email at application@oculususa.com
- Schedule a Training at www.calendly.com/oculus-contact-lens-partners-bostonsight



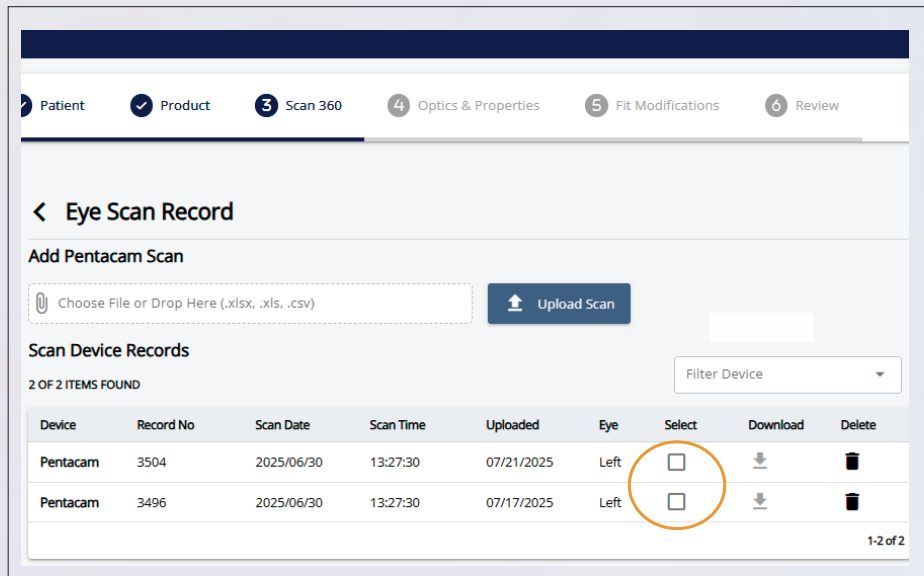
Start an Order

- ① Take a high-quality eye scan.
- ② Export the scan data as a .csv file and save on your computer.
- ③ Log into FitConnect® and **Register your Patient** using the same first, middle, and last name of the patient. The patient name must be an exact match or you will receive an error message when uploading the scan.
- ④ **Start a New Order.**
 - Select Smart360® as your fitting method
 - Select Right or Left Eye
 - Select **SCLERAL** Smart360 as your product
 - Click Order **Type**
 - Click orange **Continue** button



Upload the Scan

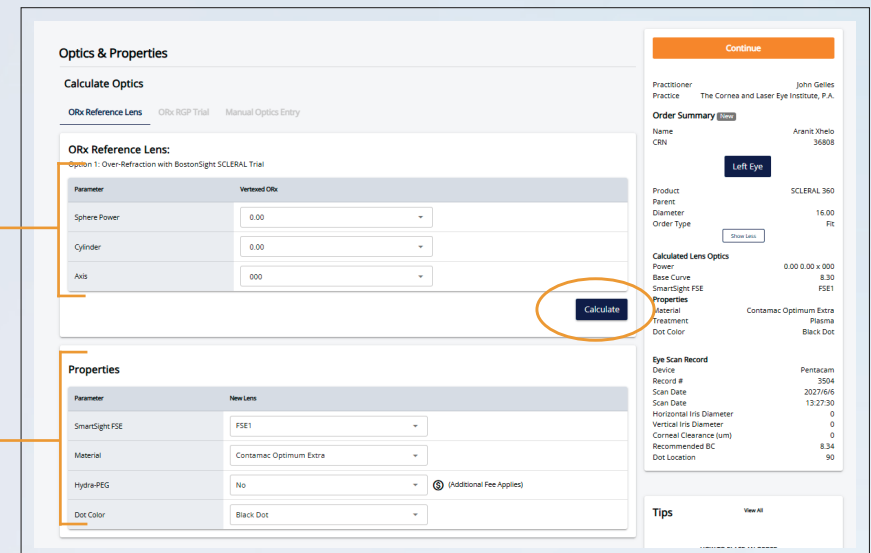
- 1 Click in the file upload box and select the Pentacam.csv file saved to your computer. You may also drag and drop the file into the upload box.
- 2 All uploaded scans for the selected eye will be available for selection from this page.
- 3 Select the scan to use by checking the corresponding **Select** box.
- 4 Click the orange **Continue** button at the top right to go to the Optics and Properties screen.



Enter Optics and Properties

- 1 Lens Optics may be entered by using 1 of 3 options:
 - BostonSight SCLERAL trial lens with FSE
 - RGP Trial
 - Manual lens optics entry

Always remember to click **Calculate**.



- 2 Properties will pre-populate with common selections. Modify as necessary.
- 3 Confirm lens optics and properties on the **Order Summary** on the right hand side of the screen.
- 4 Click **Continue** to proceed to Fit Modifications.

Fit Modifications

- 1 Choose diameter.
- 2 Review Pentacam CSP base curve recommendation. Modify as necessary.
- 3 Enter corneal clearance. We recommend 250–300 microns.
- 4 Enter Horizontal Iris Diameter (HVID) and Vertical Iris Diameter (VID).
- 5 Click **Recalculate**.
- 6 Click the SmartChannels® button to add channels. See FitConnect Guide for detailed instructions.

- 7 Confirm the fit modifications selections on the **Order Summary** on the right hand side of the screen.
- 8 Click **Continue** to go to the **Review and Ship** screen. You can start an order for the other eye, or place your completed order for only one eye. For additional details on ordering, see the FitConnect Guide.

Diameter Recommendations

The following are general guidelines.

14.5mm–15.5mm

- Micro Corneas
- Small HVID's ($\leq 11.00\text{mm}$)
- Small Apertures
- Tight Lids
- Difficulty Handling Lenses
- Pediatric Patients
- SJS Limited by Symblepharon

16.0mm

- Pediatric Patients
- Tight Lids
- Small Apertures
- SJS Limited by Symblepharon
- Small HVID's ($\leq 11.00\text{mm}$)

16.5mm

- Regular Corneas
- Average Sag
- HVID 11.00 – 11.50mm

17.0–17.5mm

- Higher Elevation Corneas
- Post Surgical with Mild Ectasia
- Limbal to Limbal Astigmatism
- Mild Keratoconus
- HVID 11.50 – 12.00mm

18.0mm–19.0mm

- Highly Ectatic Corneas
- Large HVIDs ($\geq 11.5\text{mm}$)
- Compromised Ocular Surface
- Chronic Exposure
- Compromised/Fragile Grafts
- Severe Dry Eye



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