



Your partner in saving sight®

Smart360® Mini-Guide

For 16-19mm scleral lenses



DIAMETER RECOMMENDATIONS

You know your patients best, however it can be helpful to have a quick reference for which diameter may work well for your case. The following are general guidelines.

16, 16.5 and 17mm

Small HVIDs
($\leq 11.0\text{mm}$)

Small apertures

Tight lids

Regular corneas

Pediatric patients

Difficulty handling lenses

18, 18.5 and 19mm

Large HVIDs
($\geq 11.5\text{mm}$)

Compromised ocular surface

Highly ectatic corneas

Chronic exposure

Compromised/fragile grafts

Severe dry eye

START AN ORDER

① Export data from Pentacam® CSP software into a .csv file and save on your computer.

② In FitConnect®, Register your Patient and Start a New Order.

Select:

1. Product as [BostonSight SCLERAL Smart360](#)
2. Order Type as [Fit](#)
3. Radio button as [Order from Smart360](#)
4. Select [Left or Right Eye](#)
5. Click [Start Order](#) which opens the Smart360 Upload screen

The screenshot shows the FitConnect interface. At the top, there's a navigation bar with 'Practitioner' selected, 'LOG OUT', and 'Return To Dashboard'. Below that are menu items: 'Accounts', 'Work With Patients and Orders', 'Resources', 'Admin', and 'Support'. The main content area is titled 'Patient View' and shows patient details: CRN: 121212, Name: Shipping, Test, Date of Birth: 12/05/1975, and Email: test@shipping.com. There are buttons for 'Edit Patient Info' and 'Patient Documents'. Below that are 'View Order History' and 'Patient Invoice Activity' buttons. The 'SCLERAL Orders' section contains a table with columns: Order Date, Product, Right/Left, Order #, Lens #, SmartSight HOA™, Smart360™, Order Type, Practitioner, Order Status, Rx Status, 90 day Fit Exchange, Order Rx Refill, Order Material Change, and Request Lab Remake. A single order is listed with Order Date 2021-10-14, Product BSS 18.0, Right/Left Right, Order # 376447, Lens # 1, SmartSight HOA™ None, Smart360™ None, Order Type Fit, Practitioner Test, T, Order Status Submitted, Rx Status -, 90 day Fit Exchange -, Order Rx Refill -, Order Material Change -, and Request Lab Remake -. Below the table is the 'New Order' form, which is highlighted with a red box. It includes a 'Product' dropdown set to 'BostonSight SCLERAL Smart360', an 'Order Type' dropdown set to 'Fit', and radio buttons for 'Order from Diagnostic/Trial Lens Set' (unselected) and 'Order Smart360™' (selected). The 'Right/Left' dropdown is set to 'Right'. There are 'Start Order' and 'Cancel' buttons at the bottom of the form.

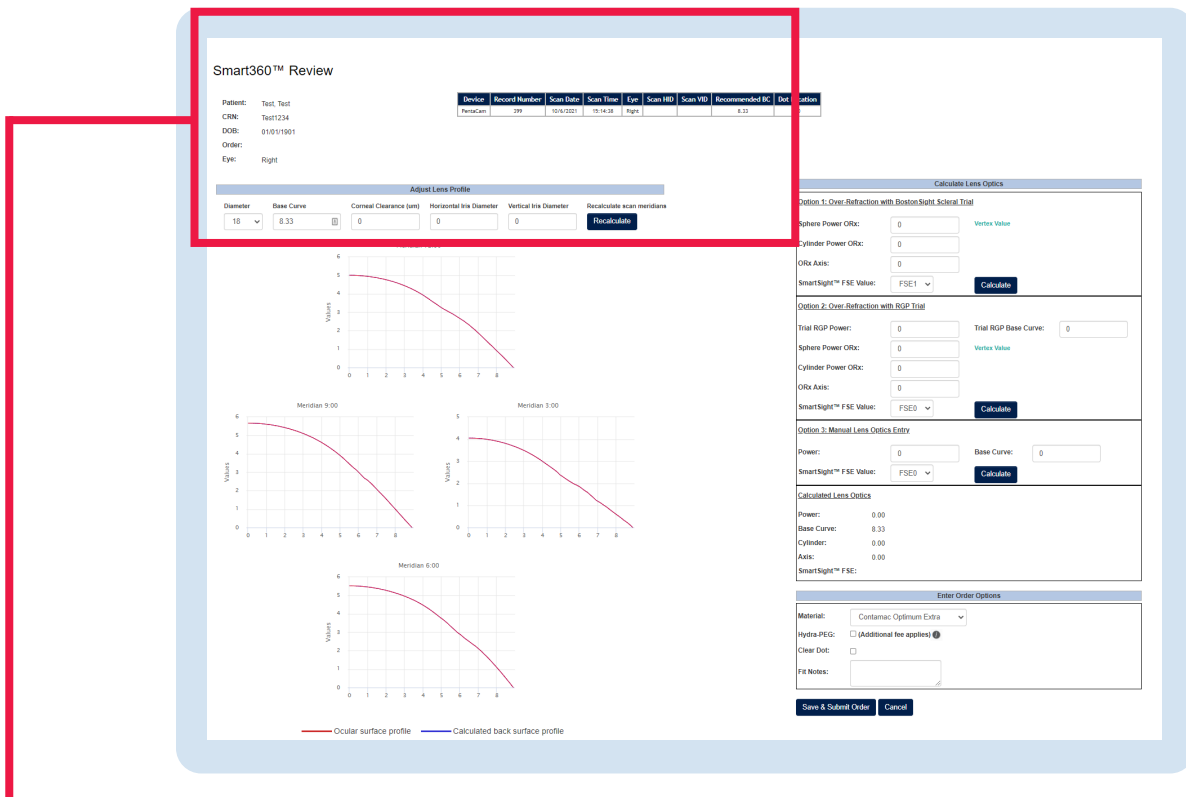
③ Select [Pentacam](#) as your device.

1. Choose [File](#) and find the Pentacam file from your computer.
2. [Open](#) and then [Upload](#), the scan you wish to use for this order, from a table of all scans attached to this patient record.

The screenshot shows the 'Smart360™ Upload' screen. It displays patient information: Patient: Shipping, Test, CRN: 121212, DOB: 12/05/1975, Order: Right, Eye: Right. Below that is the 'Devices' section, where a dropdown menu is highlighted with a red circle and set to 'PentaCam'. There is a 'Choose File' button with the text 'no file chosen' next to it. Below the file selection area is an 'Upload' button. At the bottom of the screen is a table with columns: Device, Record Number, and Scan Date. There is also a 'Close' button at the bottom left.

DESIGN THE LENS

- ① Select lens diameter.
- ② Enter:
 - Corneal Clearance.
 - Base Curve - the algorithm will make a recommendation, however you can adjust
 - Horizontal Iris Diameter (HVID) - obtain data from topographer or measure using slit lamp
 - Vertical Iris Diameter (VVID) - obtain data from topographer or measure using slit lamp
- ③ Select **Recalculate** to view the back surface of the lens onto the front surface of the eye. Adjust as needed!



Smart360™ Review

Patient: Test, Test
 CRN: Test1234
 DOB: 01/01/1901
 Order:
 Eye: Right

Device	Record Number	Scan Date	Scan Time	Eye	Scan HID	Scan VID	Recommended B
PentaCam	399	10/6/2021	15:14:38	Right			8.33

Adjust Lens Profile

Diameter	Base Curve	Corneal Clearance (um)	Horizontal Iris Diameter	Vertical Iris Diameter	Recalculate scan meridians
18	8.33	0	0	0	Recalculate

ADJUST LENS OPTICS

- 1 Calculate Lens Optics to enter over-refraction by 1 of 3 options:
 - BostonSight SCLERAL trial lens with FSE
 - RGP Trial
 - Manual lens optics entry

Select [Calculate](#) at each of the options to update the corresponding Lens Optics.

- 2 On [Order Options](#), select your material, Hydra-PEG (if applicable), and dot, and enter any Fit Notes such as the locations of SmartChannels™.*

- 3 Click [Save and Submit](#).

Calculate Lens Optics

Option 1: Over-Refraction with BostonSight Scleral Trial

Sphere Power ORx: Vertex Value

Cylinder Power ORx:

ORx Axis:

SmartSight™ FSE Value: [Calculate](#)

Option 2: Over-Refraction with RGP Trial

Trial RGP Power: Trial RGP Base Curve:

Sphere Power ORx: Vertex Value

Cylinder Power ORx:

ORx Axis:

SmartSight™ FSE Value: [Calculate](#)

Option 3: Manual Lens Optics Entry

Power: Base Curve:

SmartSight™ FSE Value: [Calculate](#)

Calculated Lens Optics

Power: 0.00

Base Curve: 8.33

Cylinder: 0.00

Axis: 0.00

SmartSight™ FSE:

Enter Order Options

Material:

Hydra-PEG: (Additional fee applies) ⓘ

Clear Dot:

Fit Notes:

[Save & Submit Order](#) [Cancel](#)

* For focal elevations like pinguecula, you can request a SmartChannel to vault over these areas by specifying width of channel and depth. Once you receive the first free-from lens, you can tweak as needed using the same FitConnect platform you're used to working with.

ORDER THE LENS

- ① On the [Pending Orders](#) page, you have an option to:
 1. [Save and Order Another Lens for this Patient](#), OR
 2. [View Order Summary and Finalize](#) to send order to the lab.

Welcome, Test Test!
(Practitioner Account)

Practitioner
Fitting Consultant

LOG OUT Return To Dashboard

Pending Orders

Patient CRN: Test1234
Patient Name: Test, Test
Patient DOB: 01/01/1901 [View Order History](#)
Patient Email: ssharer@bostonsight.org
Practice: Test test

Order No	Order Date	Right or Left	Product	Order
376449	2021-10-21	Right	B55360	Fi

Have photos you would like to share? Upload [here](#).

[Save and Order Another Lens for this Patient](#) [View Order Summary and Finalize](#) [Close](#)

- ② On the [Order Summary](#) page, you have an option to [Hold for Consult](#), if needed. For example, if SmartChannels™ are needed, select [Hold for Consultation](#), note width (start and end points in degrees), depth of channel (µm) and dot location in degrees, and click [Submit](#).

Right or Left	Order Type
Left	Fit

Select Ship To Address:
464 Hillside Ave, Suite 206, Needham, MA 02494, United States

State/Province license issued:
MA

Purchase Order #:
[Dropdown]

Delivery Method - This will be added to Lab lead time of 3 days
Standard: \$0.00

*Needed By: 11/05/2021

Hold For Consultation
If Hold for Consultation is selected, order will not be processed until you have contacted BostonSight.

[Place Order](#) [Cancel](#)



BostonSight
464 Hillside Avenue, Suite 205
Needham, MA 02494
888-SCLERAL
BostonSightSCLERAL.org

