

Before you start

Profilometry has become the gold standard for scleral lens fitting. The **Eye Surface Profiler** is an easy to learn and easy to use Profilometry device that is the world leader in ocular topography. We have enjoyed working closely with our lab partners for many years with the aim of providing the best outcome for our patients. And now we are thrilled to introduce **DirectConnect™**.

DirectConnect with the **BostonSight FitConnect®** combines the expertise of the two companies to deliver more customized lenses and a faster ordering process.

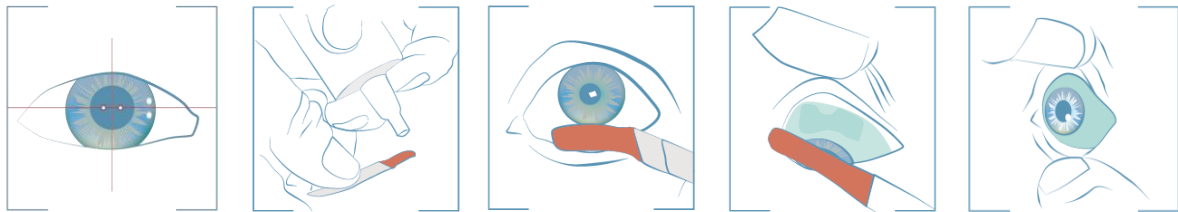
This guide explains how to use the DirectConnect feature step-by-step. For any feedback or questions please contact us at optometry@eaglet-eye.com.

1

Make a measurement

- Lubricate the eye
- Pre-align device
- Instill fluorescein
- Dim light and instruct patient
- Open both eyelids
- Final re-align adjustments and fire

For more details, see [ESP Measure Guide](#) or watch this short video: https://youtu.be/oDm24k_kWi8



2

Select lens design

- 1) Go to **FIRST FIT LENS** on the left menu.
- 2) Select **Supplier**: BostonSight | **Type**: SCLERAL^{IG} | **Diameter**: choose between 18, 18.5 and 19 mm.
- 3) Click on **Calculate**.

The screenshot shows the software interface for Patient 1. On the left, the 'FIRST FIT LENS' menu item is highlighted with a red box and the number 1. In the center, the 'Lenses' dropdown menu is open, showing 'Supplier: BostonSight', 'Type: SCLERAL^{IG} (R-5e1 or L-5e1)', and 'Diameter: 18,5'. A red box highlights the 'Calculate' button, with the number 3 next to it. A magnifying glass is positioned over the 'Calculate' button. On the right, a 'Lens' dialog box is open, showing the same settings and a list of diameter options: 18, 18,5, and 19. The background shows a topographic map of the eye and various parameters like Sagittal height, Overrefraction, HWD, and Pupil ø.

- 4) The software will now calculate the lens parameters prediction.
- 5) Click on **DirectConnect** and it will direct you automatically to **BostonSight FitConnect** online tool.

3

Order the lens directly

User login

Log in into your account or register for a **User Account** if you do not have one yet.

Data upload


Patient data (**First Name & Last Name**) and **ESP lens prediction** will be shown on the screen. Click on **Submit** and the ESP data will be automatically uploaded.

ESP Output

Patient: **First Name** **Last Name**
Eye: Left
Diameter: 18.50
Sag: -400.00
Base Curve: 8.30
Meridian 1 (delta) -250.00
Meridian 2 (delta) 50.00
Meridian 3 (delta) -350.00
Meridian 4 (delta) -350.00

Search patient

If the patient is an existing user, look it up in FitConnect's platform. If this is a new user, register the patient.



WELCOME
(Practitioner Account)

FitConnect

[LOG OUT](#)

Accounts ▾
Work With Patients and Orders ▾
Resources ▾
Admin ▾
Support ▾

Choose Practice to Work With

Patient Search:

Order Search:

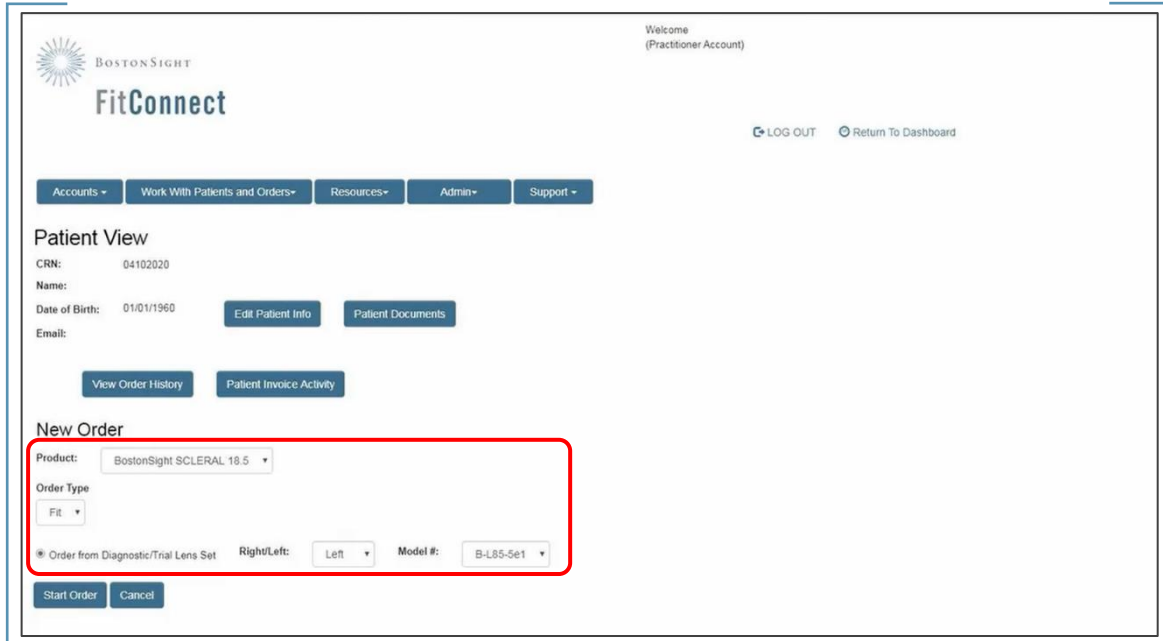
Recent Orders

Order Date	Order #	Order Type	Order Status	Practitioner	Patient CRN	Patient	Shipping Address	Shipment Tracking	Action	Edit

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 464 Hillside Avenue, Suite 205, Needham, MA, 02494
 BostonSight SCLERAL Support: 888-SCLERAL; fitconnect@bostonsight.org

Start Order

Confirm the **Diameter** and the **Eye**, and click on **Start Order** to continue.



BOSTONSIGHT
FitConnect

Welcome (Practitioner Account)

LOG OUT Return To Dashboard

Accounts Work With Patients and Orders Resources Admin Support

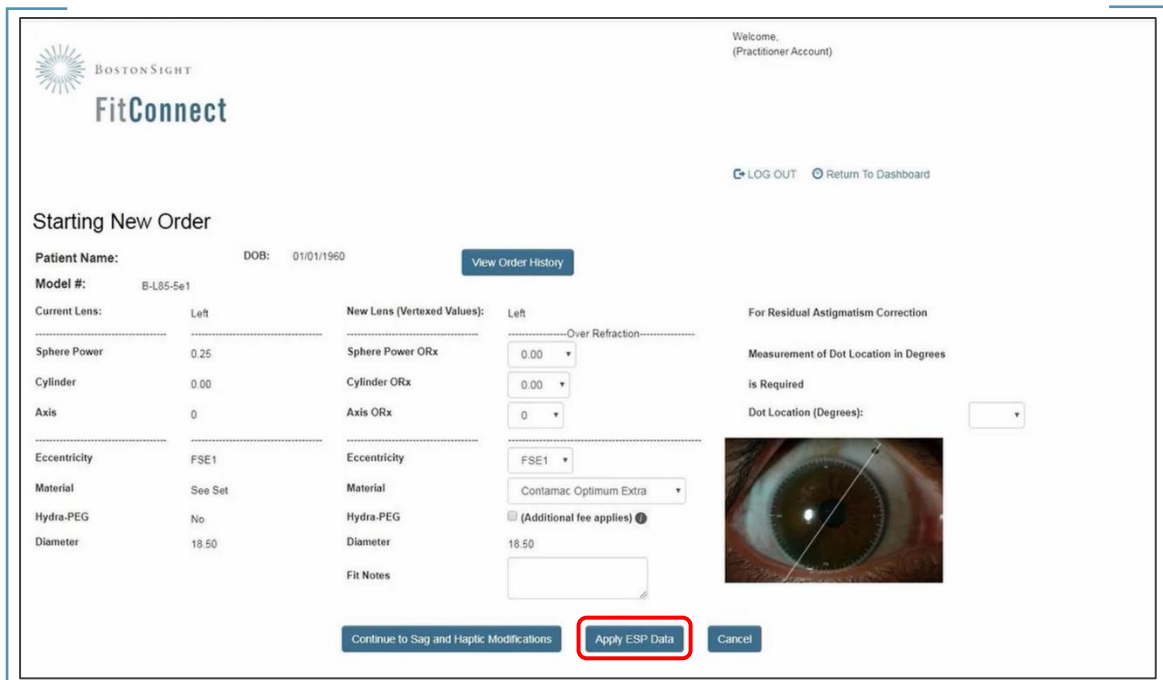
Patient View

CRN: 04102020
 Name:
 Date of Birth: 01/01/1960 [Edit Patient Info](#) [Patient Documents](#)
 Email: [View Order History](#) [Patient Invoice Activity](#)

New Order

Product: BostonSight SCLERAL 18.5
 Order Type: Fit
 * Order from Diagnostic/Trial Lens Set Right/Left: Left Model #: B-L85-5e1
[Start Order](#) [Cancel](#)

All details of the SCLERAL^{IG} lens will be shown on the screen. Click on **Apply ESP Data**.



BOSTONSIGHT
FitConnect

Welcome (Practitioner Account)

LOG OUT Return To Dashboard


Starting New Order

Patient Name: DOB: 01/01/1960 [View Order History](#)

Model #: B-L85-5e1

Current Lens:	Left	New Lens (Vertexed Values):	Left
Sphere Power	0.25	Sphere Power ORx	0.00
Cylinder	0.00	Cylinder ORx	0.00
Axis	0	Axis ORx	0
Eccentricity	FSE1	Eccentricity	FSE1
Material	See Set	Material	Contamac Optimum Extra
Hydra-PEG	No	Hydra-PEG	<input checked="" type="checkbox"/> (Additional fee applies)
Diameter	18.50	Diameter	18.50
		Fit Notes	

Over Refraction: For Residual Astigmatism Correction
 Measurement of Dot Location in Degrees is Required
 Dot Location (Degrees):



[Continue to Sag and Haptic Modifications](#) [Apply ESP Data](#) [Cancel](#)

Now all the ESP parameters will be shown on the screen. Click **Apply** to continue with the order.



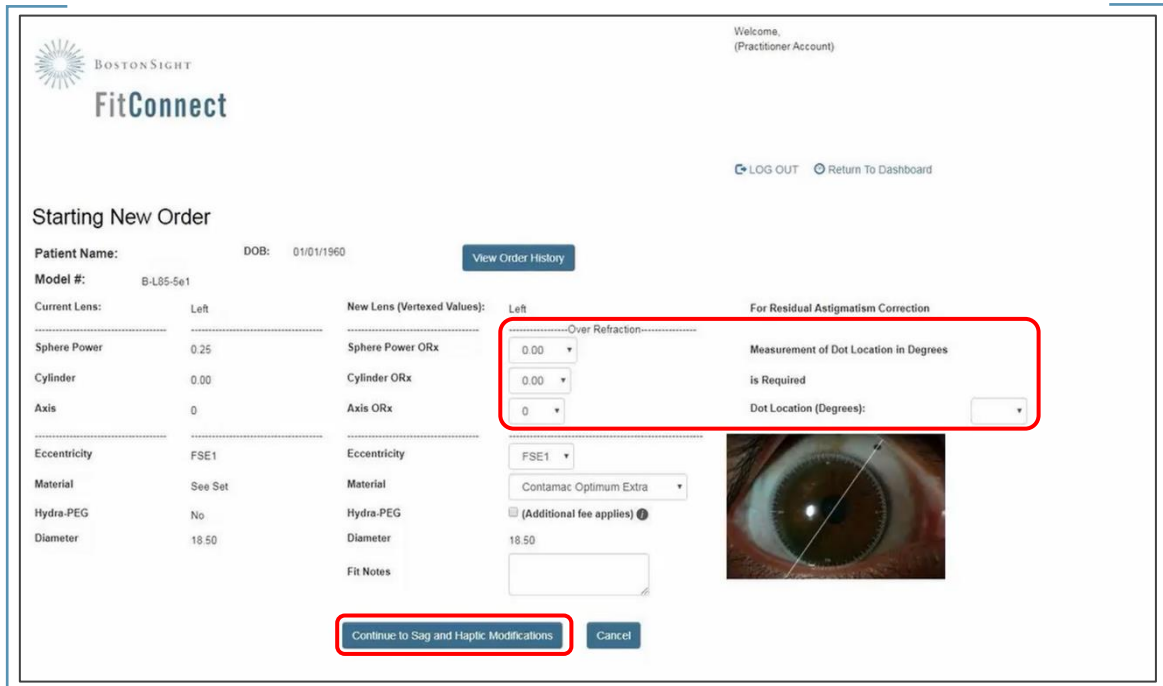
ESP Parameters

Patient	Eye	Diameter	Sag	BC	Meridian 1 (12:00)	Meridian 2 (03:00)	Meridian 3 (06:00)	Meridian 4 (09:00)
	Left	18.50	-400.00	8.30	-250.00	50.00	-350.00	-350.00

[Apply](#) [Cancel](#)

Modifications

In the next screen you can not only add the **Over Refraction** but also modify the **Material** if needed. Click on **Continue to Sag and Haptic Modifications** to continue with possible modifications on the lens design.



BOSTONSIGHT
FitConnect

Welcome,
(Practitioner Account)

LOG OUT Return To Dashboard

Starting New Order

Patient Name: DOB: 01/01/1960 View Order History

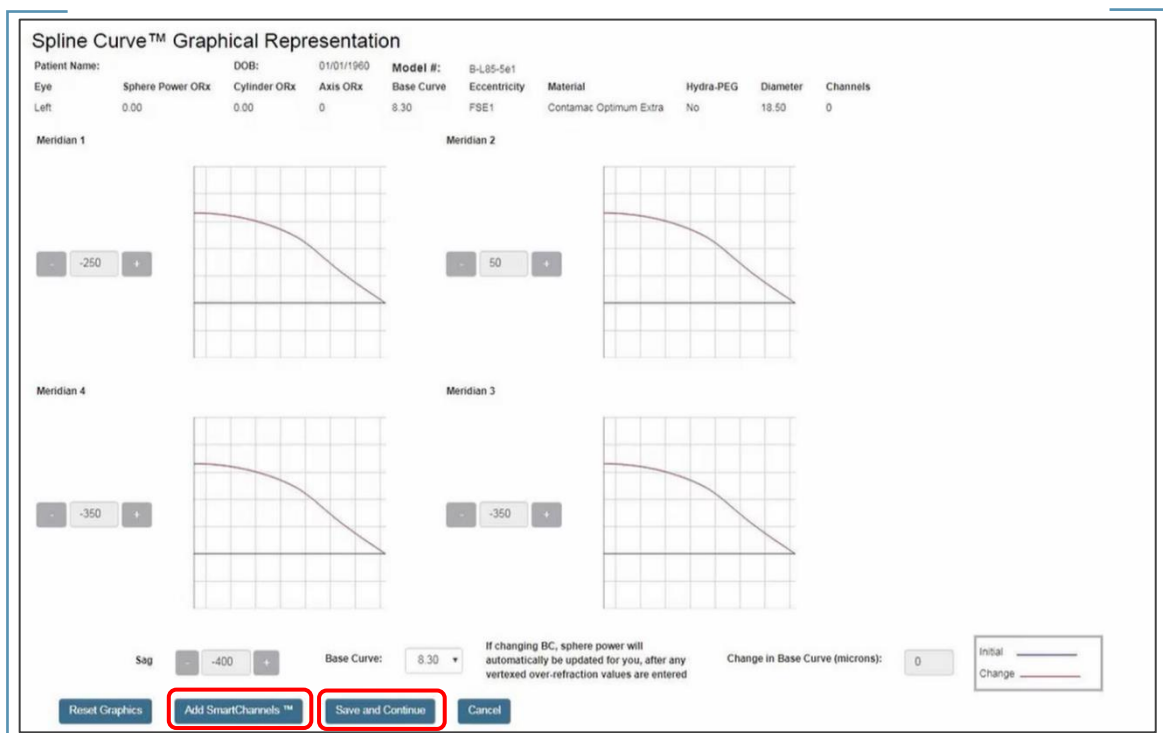
Model #: B-L85-5e1

Current Lens:	Left	New Lens (Vertexed Values):	Left	For Residual Astigmatism Correction
Sphere Power	0.25	Sphere Power ORx	0.00	Measurement of Dot Location in Degrees
Cylinder	0.00	Cylinder ORx	0.00	is Required
Axis	0	Axis ORx	0	Dot Location (Degrees):
Eccentricity	FSE1	Eccentricity	FSE1	
Material	See Set	Material	Contamac Optimum Extra	
Hydra-PEG	No	Hydra-PEG	<input checked="" type="checkbox"/> (Additional fee applies)	
Diameter	18.50	Diameter	18.50	
		Fit Notes		

Continue to Sag and Haptic Modifications Cancel

Here you would typically be able to modify the lens design in real time. However, with **DirectConnect** the ESP data is automatically incorporated in the graphical representations.

If you want to add a SmartChannel™ click on **Add SmartChannels™**. You can leverage the ESP data to guide you on how to design it. Please refer to **BostonSight FitGuide™** for more information. To finish click on **Save and Continue**.



Splines Curve™ Graphical Representation

Patient Name: DOB: 01/01/1960 Model #: B-L85-5e1

Eye	Sphere Power ORx	Cylinder ORx	Axis ORx	Base Curve	Eccentricity	Material	Hydra-PEG	Diameter	Channels
Left:	0.00	0.00	0	8.30	FSE1	Contamac Optimum Extra	No	18.50	0

Meridian 1 Meridian 2

Meridian 4 Meridian 3

Sag: -400 Base Curve: 8.30 If changing BC, sphere power will automatically be updated for you, after any vertexed over-refraction values are entered Change in Base Curve (microns): 0 Initial Change

Reset Graphics Add SmartChannels™ Save and Continue Cancel

Order

Here you will find the list of pending orders. Click on **View Order and Finalized** to see the summary of your order one last time, confirm your shipping address, and then place the order.



FitConnect

Welcome, (Practitioner Account)

LOG OUT Return To Dashboard

Pending Orders

Patient CRN: 04102020
Patient Name:
Patient DOB: 01/01/1960 [View Order History](#)
Patient Email:
Practice:

Order Date	Right or Left	Product	Order Type	Edit	Pending Status	Delete
2020-04-13	Left	ES 18.5	Fit	ES	-	Delete

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

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



FitConnect

Welcome, (Practitioner Account)

LOG OUT Return To Dashboard

Order Summary

CRN: 04102020
Name:
Date of Birth: 01/01/1960 [View Order History](#)
Email:
Practice:

Right or Left	Order Type
Left	Fit

Select Ship To Address:
464 Hillside Ave, Suite 206, Needham, MA 02484, United States

State/Province license issued:
MA

Purchase Order #:
[]

Delivery Method - This will be added to Lab lead time of 1 days
Standard \$0.00

*Needed By: 04/21/2020

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

Place Order [Cancel](#)

For more details, please contact the Eaglet team (optometry@eaglet-eye.com) or your BostonSight representative.