

Progress Presentation

Dashboard and Patient Selection:

The screenshot shows the Rising StarAdmin dashboard. At the top left, there is a dropdown menu labeled "Chose a patient" with a red box around it and a red number "1" next to it. The dropdown menu is open, showing "Chose a patient" and "Chris Canese". Below the dropdown is a sidebar menu with the following items: Dashboard, Objective Scatter Metrics, Objective Scatter Trendline, Objective Scatter Reports, Tear Film Ocular Scatter, Tear Film Trendline, Tear Film Cohort Analysis, Testing and Treatment Summary, Patient Education, and AcuTarget Metrics. The main content area is titled "Dashboard" and contains a grid of nine cards, each with an eye icon and a title: Objective Scatter Metrics, Tear Film Ocular Scatter, Testing and Treatment Summary, Objective Scatter Trendline, Tear Film Trendline, AcuTarget Metrics, Ocular Scatter Reports, Tear Film Cohort Analysis, and Patient education. At the bottom of the dashboard, there are four circular progress indicators labeled "Something 1", "Something 2", "Something 3", and "Something 4" with values 92%, 65%, 56%, and 27% respectively.

This part is not new but I guess it is worth mentioning. I have already set up to get all the patients, but limited myself to work just with Chris Canese, since he is our subject of study in the Access software.

The dashboard has only links so far, but we can change that to charts later on.

AcuTarget Metrics – OSI

When the user selects AcuTarget Metrics item on the left menu, this is where he'll end up. The data on the right is presented from the database, with actual data. By clicking on the "Use" button, the values from that row will be transported to the form to the left.

The screenshot shows the Rising StarAdmin AcuTarget Metrics page. The sidebar menu is the same as in the dashboard screenshot. The main content area is titled "Objective Scatter Index" and contains a form on the left and a table on the right. The form has two columns: "OD" and "OS", each with a "Date" field. The table has the following columns: Exam date, Exam Time, Exam Eye, OSI, and Actions. The table contains two rows of data:

Exam date	Exam Time	Exam Eye	OSI	Actions
01-out-2015	07:11	OD	1.285	<button>Use</button>
01-out-2015	07:17	OS	0.429	<button>Use</button>

Pseudoaccommodation

This is the Pseudoaccommodation tab, which is pretty much the same as the OSI tab, with different data.

RISING STARADMIN

User ▾

Chose a patient ▾

Dashboard

Objective Scatter Metrics

Objective Scatter Trendline

Objective Scatter Reports

Tear Film Ocular Scatter

Tear Film Trendline

Tear Film Cohort Analysis

Testing and Treatment Summary

Patient Education

AcuTarget Metrics

OSI

Pseudoaccommodation

Tear film OSI

Purkinje vs Pupil

Inlay vs Purkinje

Actions

Pseudo Accomodation

OD

OD

Date

Date

Exam date	Exam Time	Exam Eye	OAR	Actions
01-out-2015	07:14	OD	0.75	<div>Use</div>
01-out-2015	07:21	OS	1	<div>Use</div>

Tear film OSI:

This tab shows the Tear film OSI with its data, also from the real database.

RISING STARADMIN

User ▾

Chose a patient ▾

Dashboard

Objective Scatter Metrics

Objective Scatter Trendline

Objective Scatter Reports

Tear Film Ocular Scatter

Tear Film Trendline

Tear Film Cohort Analysis

Testing and Treatment Summary

Patient Education

AcuTarget Metrics

OSI

Pseudoaccommodation

Tear film OSI

Purkinje vs Pupil

Inlay vs Purkinje

Actions

Tear Film OSI

OD OSI

OD OSI

OD StDev

OD StDev

Date

Date

Exam date	Exam Time	Exam Eye	OSI	St Dev	Actions
01-out-2015	07:12	OD	2.28	3.61	<div>Use</div>
01-out-2015	07:18	OS	0.99	0.06	<div>Use</div>

Purkinje vs. Pupil Metrics

This is a more complete tab, that shows information regarding the Purkinje against the pupil metrics. It has data such as the coordinates, angle, X and Y coordinates.

RISING STARADMIN User ▾

Chose a patient ▾

OSI Pseudoaccomodation Tear film OSI Purkinje vs Pupil **Inlay vs Purkinje** Actions

Purkinje vs Pupil Metrics

OD

Coord

Angle

X

Y

Date

OS

Coord

Angle

X

Y

Date

Exam date	Exam Time	Exam Eye	Coord	Angle	X	Y	Actions
01-out-2015	07:10	OD	197	55	-112	162	<button>Use</button>
01-out-2015	07:16	OS	137	47	-92	101	<button>Use</button>
01-out-2015	09:03	OS	0	0	0	0	<button>Use</button>

Moving on to the Actions tab, this is where the user will be able to pull up the graph from the selected information.

RISING STARADMIN User ▾

Chose a patient ▾

OSI Pseudoaccomodation Tear film OSI Purkinje vs Pupil Inlay vs Purkinje **Actions**

Actions

Target - Inlay vs Purkinje

OD

Coord

Angle

X

Y

Date

Generate

OS

Coord

Angle

X

Y

Date

Generate

Achieved - Inlay vs Purkinje (MAB Target)

OD

Coord

Angle

X

Y

Date

Generate

OS

Coord

Angle

X

Y

Date

Generate

Achieved Inlay vs Purkinje (Purkinje target)

OD

Coord

Angle

X

Y

Date

Generate

OS

Coord

Angle

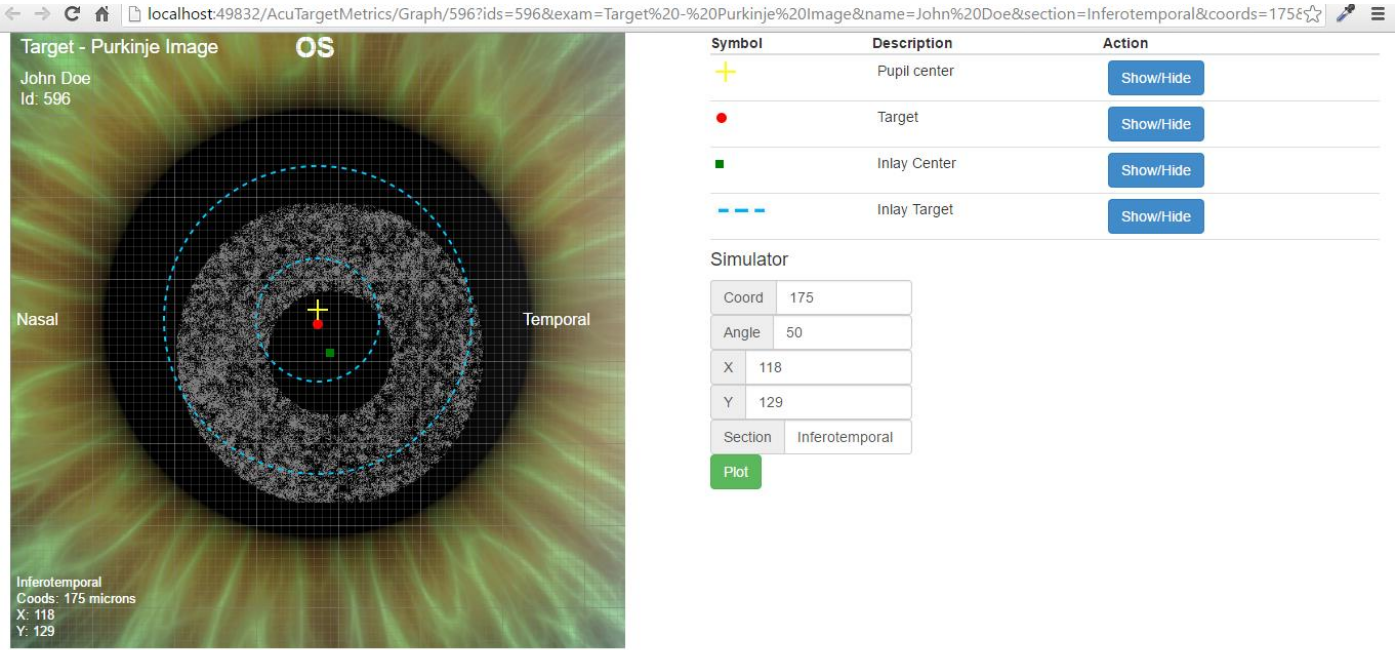
X

Y

Date

Generate

When clicking on any “Generate” buttons, the graph will appear.



We have the graphic, designed from scratch using HTML5 and javascript. The data is still static, and we are working on getting the simulator working right before retrieving from the forms.

On the upper right side, you will be able to show or hide elements on the graphic.

Right below the table with the options, we are designing a simulator to plot the information on the fly.