



Nextech

Glaucoma Flowsheet
IntelleChartPRO Version 7.0.4

Contents

Introduction	3
Practice Admin Setup	4
Flowsheet Layout Setup	4
Procedure Setup	6
Permissions	6
Flowsheet in Patient Summary	7
Glaucoma Header	7
Glaucoma Snapshot	8
Glaucoma Flowsheet Table	9
Glaucoma Images	11
IOP Graph (Small)	12
IOP Graph (Expanded)	13

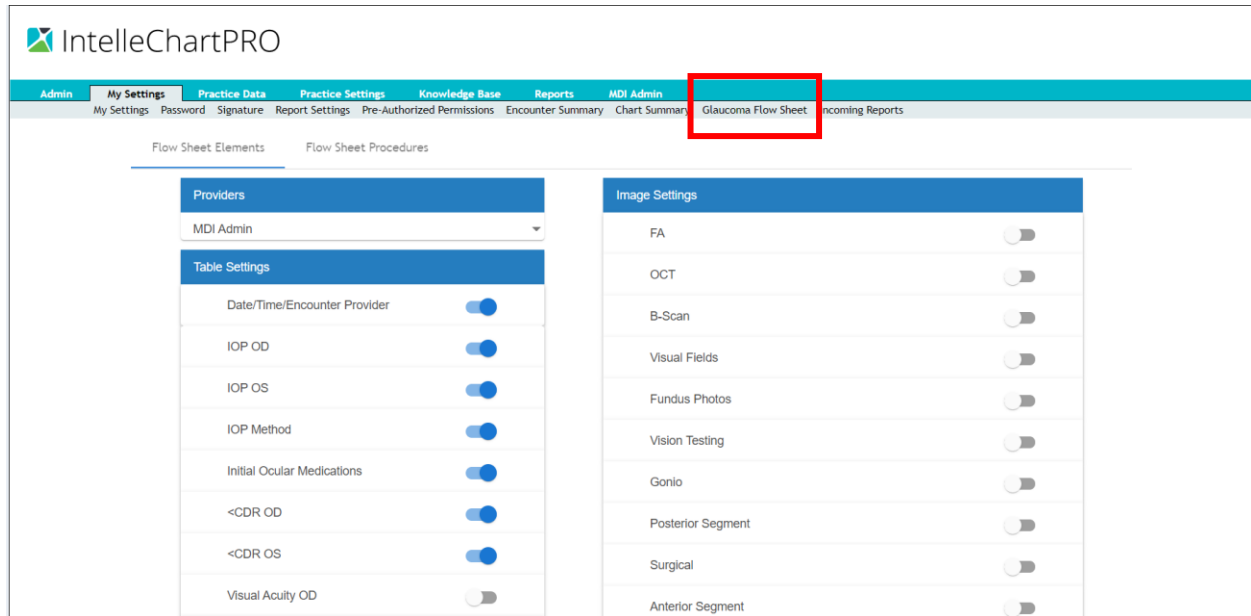
Introduction

IntelleChartPRO now offers users a longitudinal view of a patient's Glaucoma related clinical information over time for all encounters. A table representing key clinical info is available for a user to review, analyze, filter and sort. An accompanying graph plotting IOP Values over time is also available for a user to analyze trends in a patient's Glaucoma care.

This document describes the 7.0.4 Release of this feature.

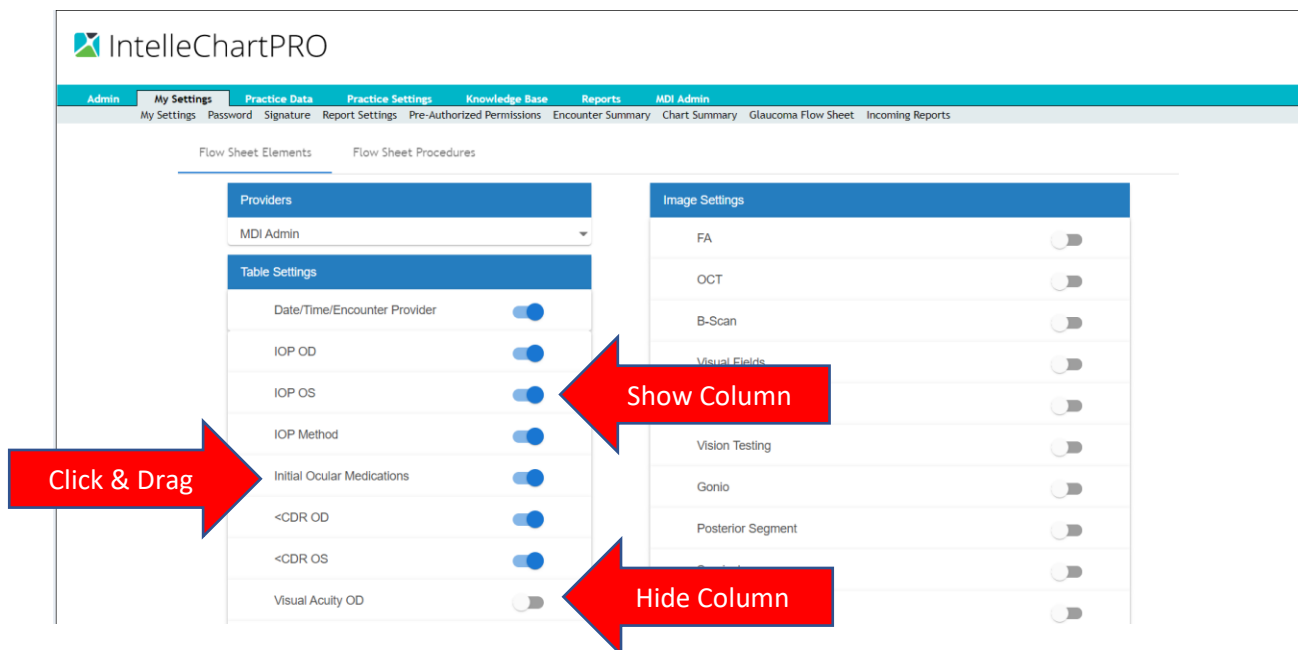
Practice Admin Setup

The Practice Admin allows a provider to customize the look of their Glaucoma Flowsheet area. There is a new screen now available in the My Settings Menu for “Glaucoma Flowsheet.”



Flowsheet Layout Setup

Using the left side of the screen, a provider can show or hide specific columns of data in the Flowsheet. Toggle the column by clicking the slider on the right of the column you wish to toggle on or off. Also, a provider can sort order the columns by clicking on the column name and dragging it to a new position. The columns will appear from left to right as they are sorted top down in this Admin screen. Click “Save” to save your settings. If no layout is configured, a default layout will be used in the chart.



Glaucoma Flowsheet

The same setup can occur for images. A provider can choose which images they want to see in their Flowsheet area. Using the same method described above, click the slider to toggle on or off the File Type under the “Image Settings” section of the same screen. Click “Save” to save your settings.

The screenshot shows the IntellectChartPRO interface. The top navigation bar includes 'Admin', 'My Settings', 'Practice Data', 'Practice Settings', 'Knowledge Base', 'Reports', and 'MDI Admin'. The 'My Settings' section is active, showing 'Flow Sheet Elements' and 'Flow Sheet Procedures'. The 'Image Settings' tab is selected and highlighted with a red box. It contains a list of image types with toggle switches: FA, OCT, B-Scan, Visual Fields, Fundus Photos, Vision Testing, Gonio, Posterior Segment, Surgical, and Anterior Segment. The 'Providers' section on the left shows a dropdown menu with 'MDI Admin' selected.

Providers	Image Settings
MDI Admin	FA
	OCT
	B-Scan
	Visual Fields
	Fundus Photos
	Vision Testing
	Gonio
	Posterior Segment
	Surgical
	Anterior Segment

A Provider can copy the settings from another provider and then tweak to meet their own needs. To do this, choose a Provider from the drop-down menu at the top of the screen. Once a provider is selected you will see how their Glaucoma Flowsheet area is laid out. Click “Import” at the bottom of the screen to import those settings. At this point you can tweak the settings by toggling on/off or re-sorting the columns.

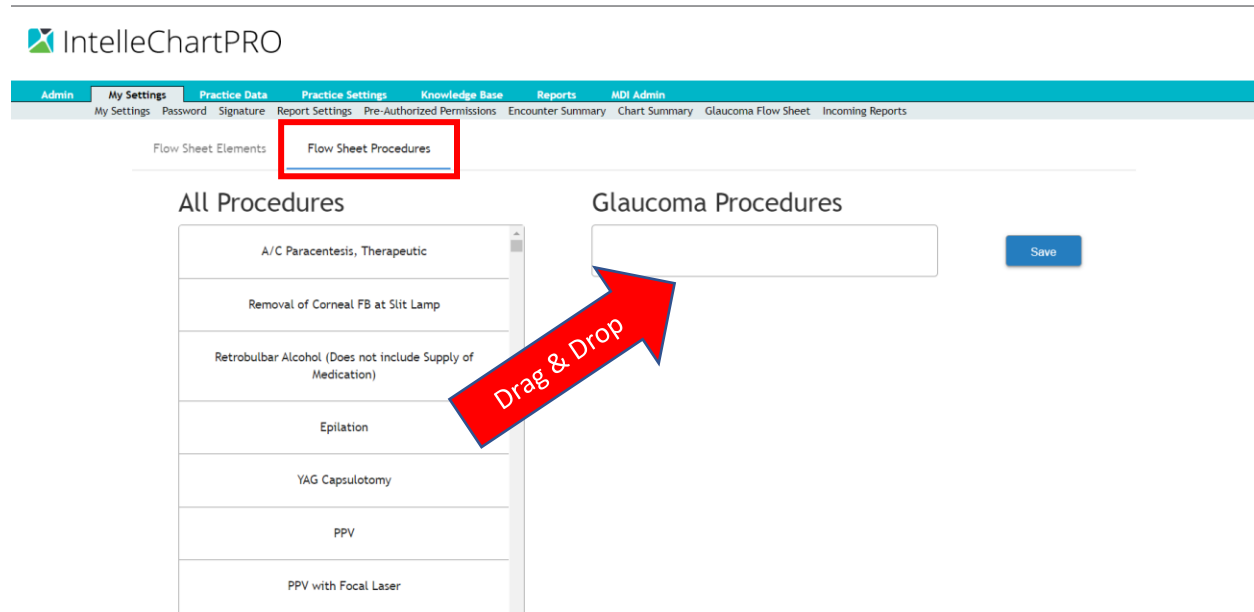
The screenshot shows the IntellectChartPRO interface. The top navigation bar is the same as the previous screenshot. The 'My Settings' section is active, showing 'Flow Sheet Elements' and 'Flow Sheet Procedures'. The 'Providers' section is highlighted with a red box, showing a dropdown menu with 'MDI Admin' selected. The 'Image Settings' tab is also visible on the right, showing the same list of image types with toggle switches.

Providers	Image Settings
MDI Admin	FA
	OCT
	B-Scan
	Visual Fields
	Fundus Photos
	Vision Testing
	Gonio
	Posterior Segment
	Surgical
	Anterior Segment

Glaucoma Flowsheet

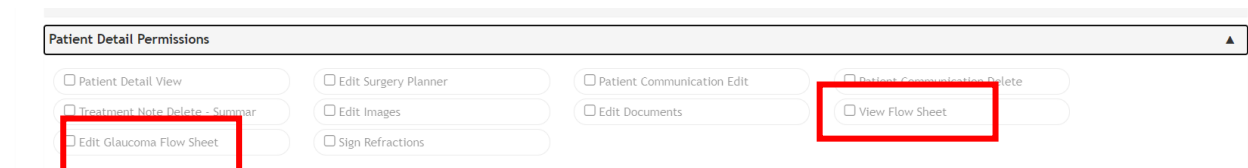
Procedure Setup

The Glaucoma Snapshot area lists procedures a patient has had over the course of their treatment. To configure the list of procedures the system searches for to display in this area, access the second tab of the Admin screen for “Flow Sheet Procedures”. In this screen a provider can drag and drop from a listing of all procedures to only include the Glaucoma specific procedures they care about to be seen in the Patient Summary. Click “Save” to save your settings.



Permissions

There is a new User Association to control the viewing and editing of this data. You can give users the option to either only view the data in the Glaucoma Flowsheet tab or edit specific data. Access the “Pre-Authorized Permissions” section, and the “Patient Detail Permissions” subsection to assign to a user.



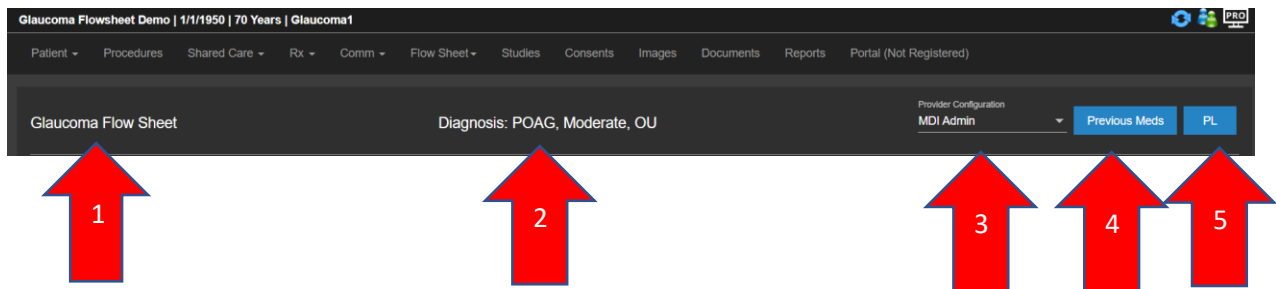
Flowsheet in Patient Summary

There is a new tab in the Patient Summary for “Flowsheets”. A subtab for “Glaucoma Flowsheet” will exist if the user has the appropriate User Associations configured. The Glaucoma Flowsheet tab has several sections, described in more detail below.

1. Glaucoma Header – displays the primary glaucoma related diagnosis as well as providing other functionality
2. Glaucoma Snapshot – captures high level information such as most recent exam and diagnostic dates as well as Target IOP Information
3. Glaucoma Flowsheet Table – displays Glaucoma specific encounter information for the life of the patient as a list of rows in a table to be filtered and sorted as necessary
4. Glaucoma Images – displays a list of previously selected images related to the patient as thumbnails with the option to expand
5. IOP Graph (Small) – displays a small view of plotted IOP points as a line graph over time
6. IOP Graph (Expanded) – displays a larger area of plotted IOP points as a line graph over time

Glaucoma Header

1. Glaucoma Flowsheet Title
2. Primary Glaucoma Related Diagnosis
3. Provider Configuration – use this drop down to mimic a specific provider’s custom layout (useful for Techs following different providers on different days)
4. Previous Meds – click to open a window listing the patient’s previous medications
5. PL – click to open a window listing the patient’s Problem List



Glaucoma Flowsheet

Glaucoma Snapshot

Use the Glaucoma Snapshot area to track key goals and view pertinent data related to a patient's Glaucoma treatment.

1. Target IOP – enter data related to a patient's target IOP reading
2. Last Exam and Diagnostic Dates – view last recorded dates for the specific items listed
3. TMAX – enter data related to a patient's TMAX info along with Notes
4. Pachymetry – view a patient's Pachymetry data with ability to enter Notes
5. Notes – enter free text notes pertaining to this patient's Glaucoma treatment
6. Risk Factors – enter relevant risk factors pertaining to this patient's Glaucoma treatment
7. Surgeries – view list of pertinent surgeries and dates performed

The form displays patient data for Target IOP, Dilation, OCT, Gonio, and VF. It includes tables for TMAX and Pachymetry data, and sections for Notes, Risk Factors, and Surgeries. Red arrows with numbers 1 through 7 point to specific fields: 1 points to Target IOP OD/OS, 2 points to VF OD/OS, 3 points to TMAX Date/Time, 4 points to Pachymetry Date/Time, 5 points to the Notes text area, 6 points to the Risk Factors text area, and 7 points to the Surgeries section.

Target IOP	OD	OS	Dilation	OD	OS	OCT	OD	OS	Gonio	OD	OS	VF	OD	OS
	25	25	OD: 07/29/2020 OS: 07/29/2020									OD: 09/08/2020 OS:		

TMAX			
Date/Time	OD	OS	Notes
8/28/2020	34	30	

Pachymetry			
Date/Time	OD	OS	Notes
7/29/2020	540	540	adj

NOTES

test notes

RISK FACTORS

Surgeries

No surgeries exist for this patient.

Glaucoma Flowsheet

Glaucoma Flowsheet Table

Access the Glaucoma Flowsheet Table to see a provider's pre-selected Glaucoma specific data displayed as columns with rows representing patient encounters. Several filters are available to filter down the results to focus on key time periods or types of data. Select individual rows to indicate a deeper dive into that data or perform ad-hoc sorts on any column.

Filters:

1. IOP – filter by the IOP Method used
2. Time of Day – filter by the time of day the IOP was taken
3. Provider – filter by the Encounter Provider
4. Encounter – filter by pre-defined ranges of dates e.g. Last Month, Last Year, etc.

<div><div>IOP</div><div>Time of Day</div><div>Provider</div><div>Encounter</div><div>Clear</div></div>						
Encounter ↓	IOP OD	IOP OS	IOP Method	Initial Ocular Meds	CDR OD	CDR OS
09/08/2020 08:13 AM DA				Alphagan P 0.1% Ophthalmic Drops Lumigan 0.01% Ophthalmic Solution	CDR 0.75	CDR 0.7
07/29/2020 09:45 AM DG	14 15	15	App App	Lumigan 0.01% Ophthalmic Solution	CDR 0.75	CDR 0.7
05/01/2020 10:00 AM DG	19	21	App	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
03/01/2020 12:00 AM DG	18	18	TP	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
01/03/2020 12:00 AM DG	13	13	App	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
11/15/2019 09:30 AM DG	13	13	App	Lumigan 0.01% Ophthalmic Solution Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
11/01/2019 03:00 PM DG	13	13	App	Combigan 0.2%-0.5% Ophthalmic Solution Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
05/01/2019 08:00 AM DG				Combigan 0.2%-0.5% Ophthalmic Solution	CDR 0.7	CDR 0.7
12/01/2018 01:00 PM DG	18	19	App	Combigan 0.2%-0.5% Ophthalmic Solution	CDR 0.7	CDR 0.7

Glaucoma Flowsheet

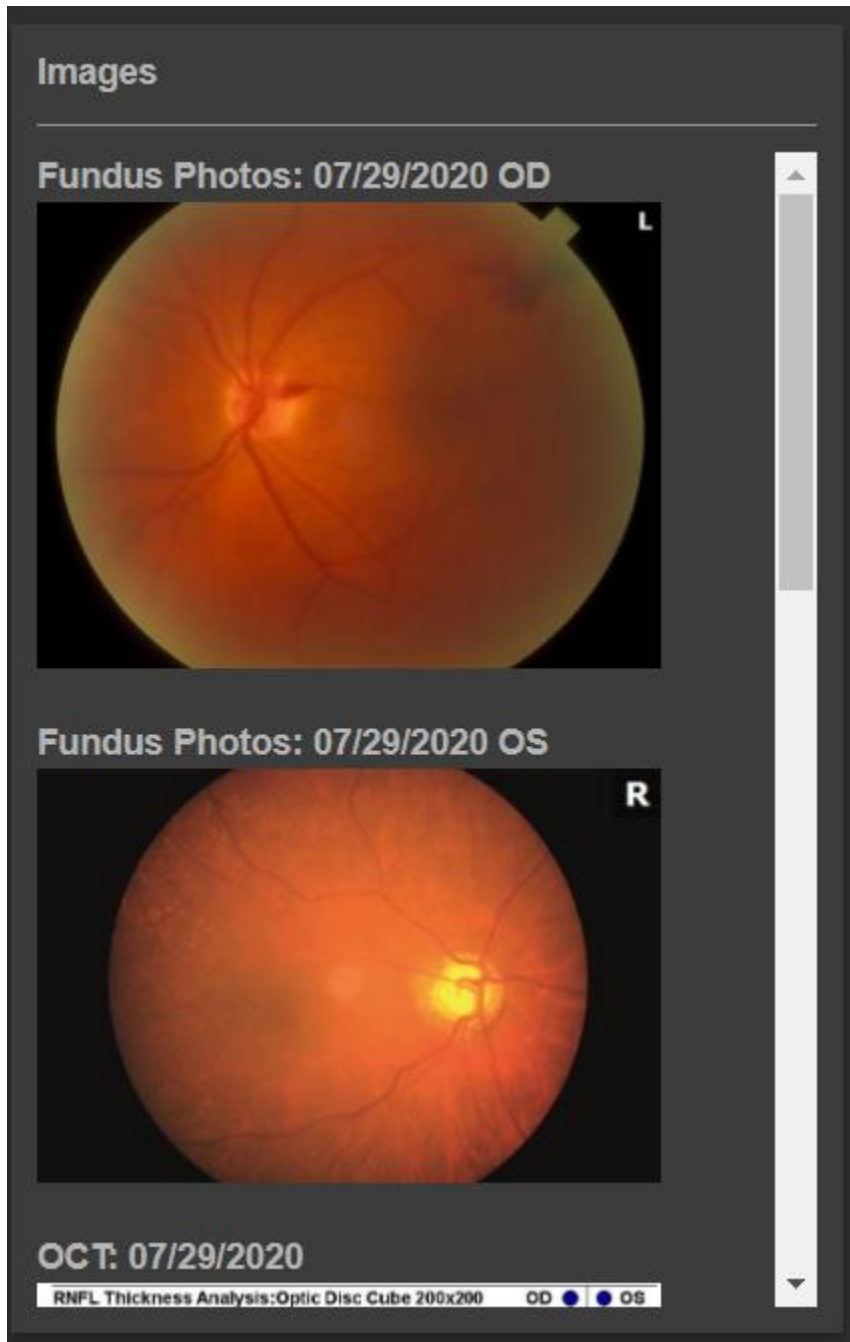
Click on individual rows to highlight the row for a better visual cue. Click on any column to sort in ascending or descending order.

View	IOP	Time of Day	Provider	Encounter		
▼	▼	All	▼	All	Clear	
Encounter ▼	IOP OD	IOP OS	IOP Method	Initial Ocular Meds	CDR OD	CDR OS
09/08/2020 08:13 AM DA				Aspiregan F 0.1% Ophthalmic Drops Lumigan 0.01% Ophthalmic Solution	CDR 0.75	CDR 0.7
07/29/2020 09:45 AM DG	14 15	15	App App	Lumigan 0.01% Ophthalmic Solution	CDR 0.75	CDR 0.7
05/01/2020 10:00 AM DG	19	21	App	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
03/01/2020 12:00 AM DG	18	18	TP	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
01/03/2020 12:00 AM DG	13	13	App	Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
11/15/2019 09:30 AM DG	13	13	App	Lumigan 0.01% Ophthalmic Solution Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
11/01/2019 03:00 PM DG	13	13	App	Combigan 0.2%-0.5% Ophthalmic Solution Refresh Dry Eye Therapy	CDR 0.75	CDR 0.7
05/01/2019 08:00 AM DG				Combigan 0.2%-0.5% Ophthalmic Solution	CDR 0.7	CDR 0.7
12/01/2018 01:00 PM DG	18	19	App	Combigan 0.2%-0.5% Ophthalmic Solution	CDR 0.7	CDR 0.7

Items per page: 20 1 - 11 of 11 |< < > >|

Glaucoma Images

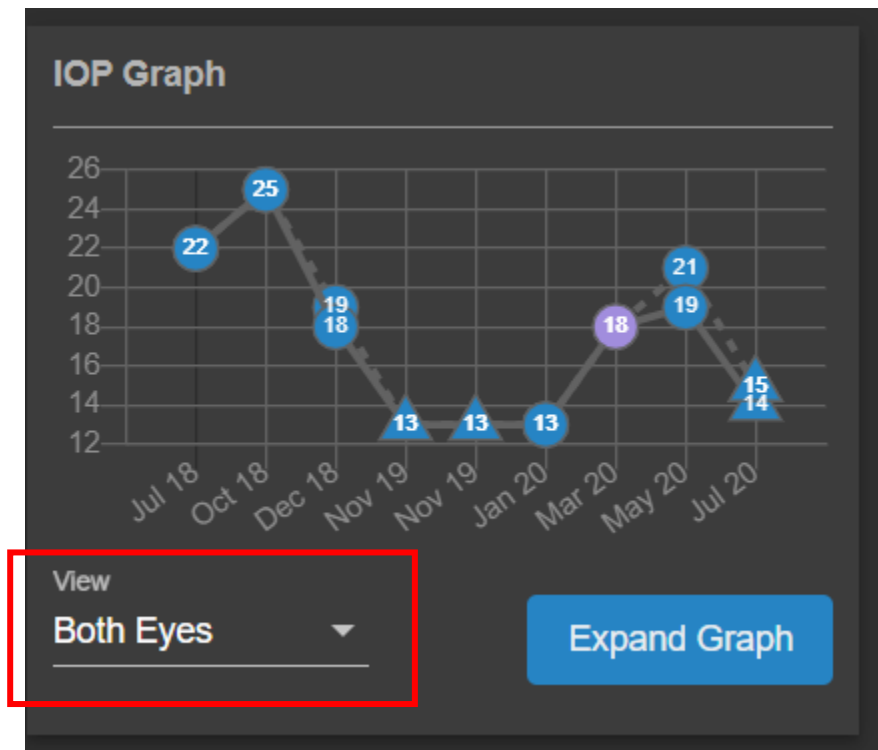
View Glaucoma specific image thumbnails in the Glaucoma Images area. Click the thumbnail to get a larger view of the image. Scroll up or down as necessary to view additional images documented for the patient.



IOP Graph (Small)

View a smaller version of the IOP Graph side-by-side with the Glaucoma Flowsheet table to see trends in a patient's IOP readings across time. The X-axis represents the date of the encounter and the Y-axis represents the numerical value of the IOP Reading.

Click on a plot in the graph and the applicable row in the Flowsheet table will automatically be highlighted. Filter the line graph to only show IOP readings of a specific eye by using the "View" filter located on the small IOP Graph. A circle plot represents an encounter where on procedure was performed. A triangle plot represents an encounter where a procedure was performed. To expand the IOP Graph into a larger area click "Expand Graph".

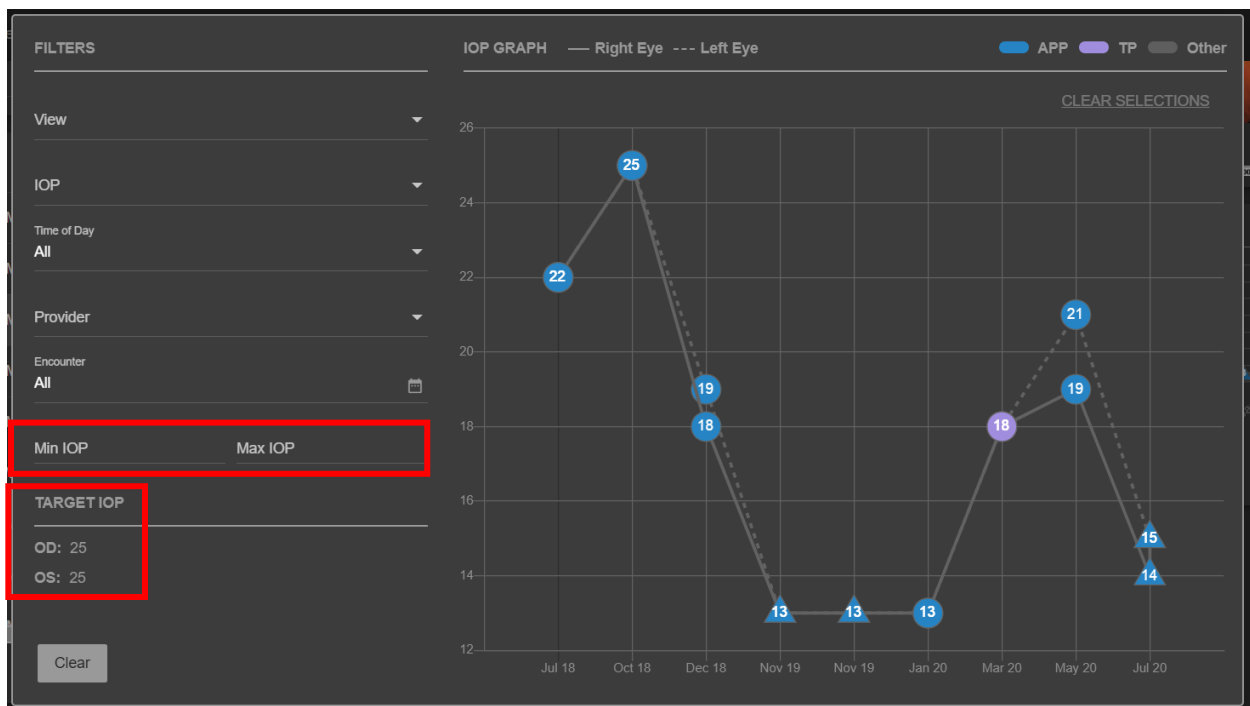


IOP Graph (Expanded)

To view a larger area of the IOP Graph click the Expand Graph button and a popup graph will display. The same filters that were available in the Flowsheet table will also be available in this expanded graph view. A solid line indicates the right eye and a dashed line indicates the left eye. A blue colored plot on the graph indicates the IOP Method of Applanation was used. A purple colored plot indicates the IOP Method of Tonal Pen was used. All other types of IOP Methods are indicated by a gray plot.

At the bottom left corner of the expanded graph are 2 fields to indicate the Target IOP Readings as documented in the Glaucoma Snapshot section.

A red triangle plotted on the graph indicates an encounter where no IOP was recorded but where a procedure was performed.



There are 2 additional filters available in the expanded graph. If you enter a number in the Min IOP filter, any IOP reading below that number will be excluded from the graph. If you enter a number in the Max IOP filter, any IOP reading above that number will be excluded from the graph. Use these filters to omit irregular large or small values that may skew the graph incorrectly.