User's Guide

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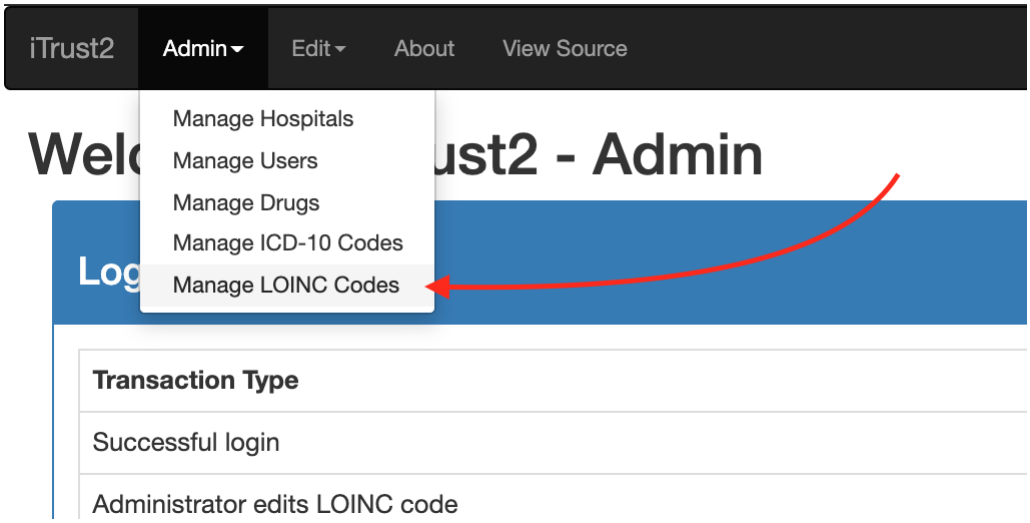
[redacted] edited this page on Nov 25, 2019 · 6 revisions

UC 24 Labtest

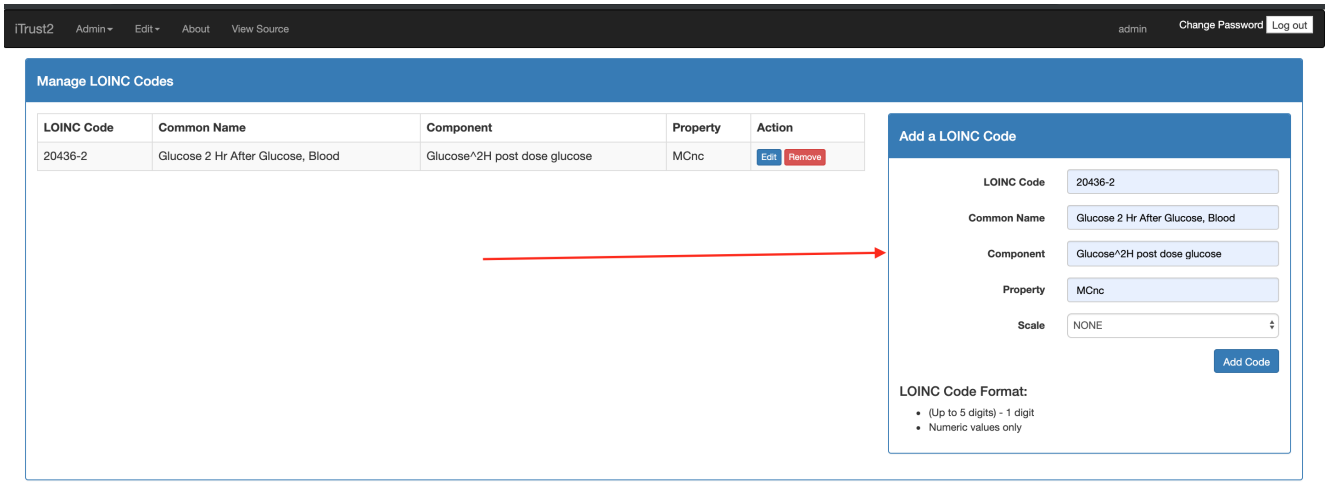
Managing LOINC Codes (Admin)

An Admin has the ability to add LOINC codes. To create a new LOINC, the admin will first navigate to the `Manage LOINC Codes` page

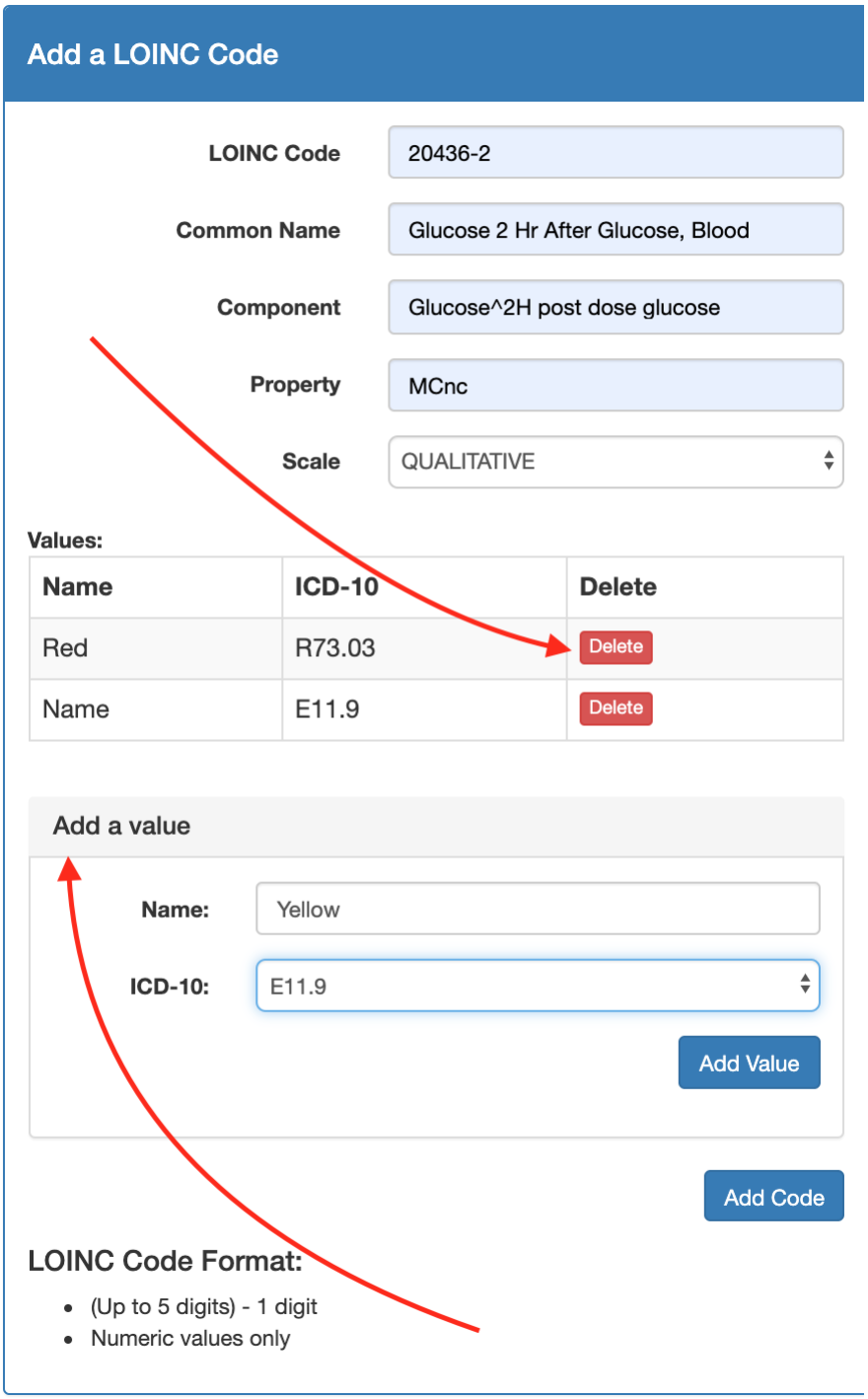


The admin can then use the fields on the left side of the page to create a new LOINC with an optional scale value (qualitative or quantitative). Individual ranges or result values can be added using the sub form at the bottom right of the page. Qualitative values can be named by any string and can have an optional ICD-10 code. Qualitative values require a numerical (integer or floating point) min and max value, and have an optional ICD-10 code. Individual ranges/values can be deleted from the LOINC's table by clicking the delete button to the right of the entry. Note range values cannot overlap, and qualitative values cannot have duplicate names. The functionality for editing a LOINC works in the same manner.

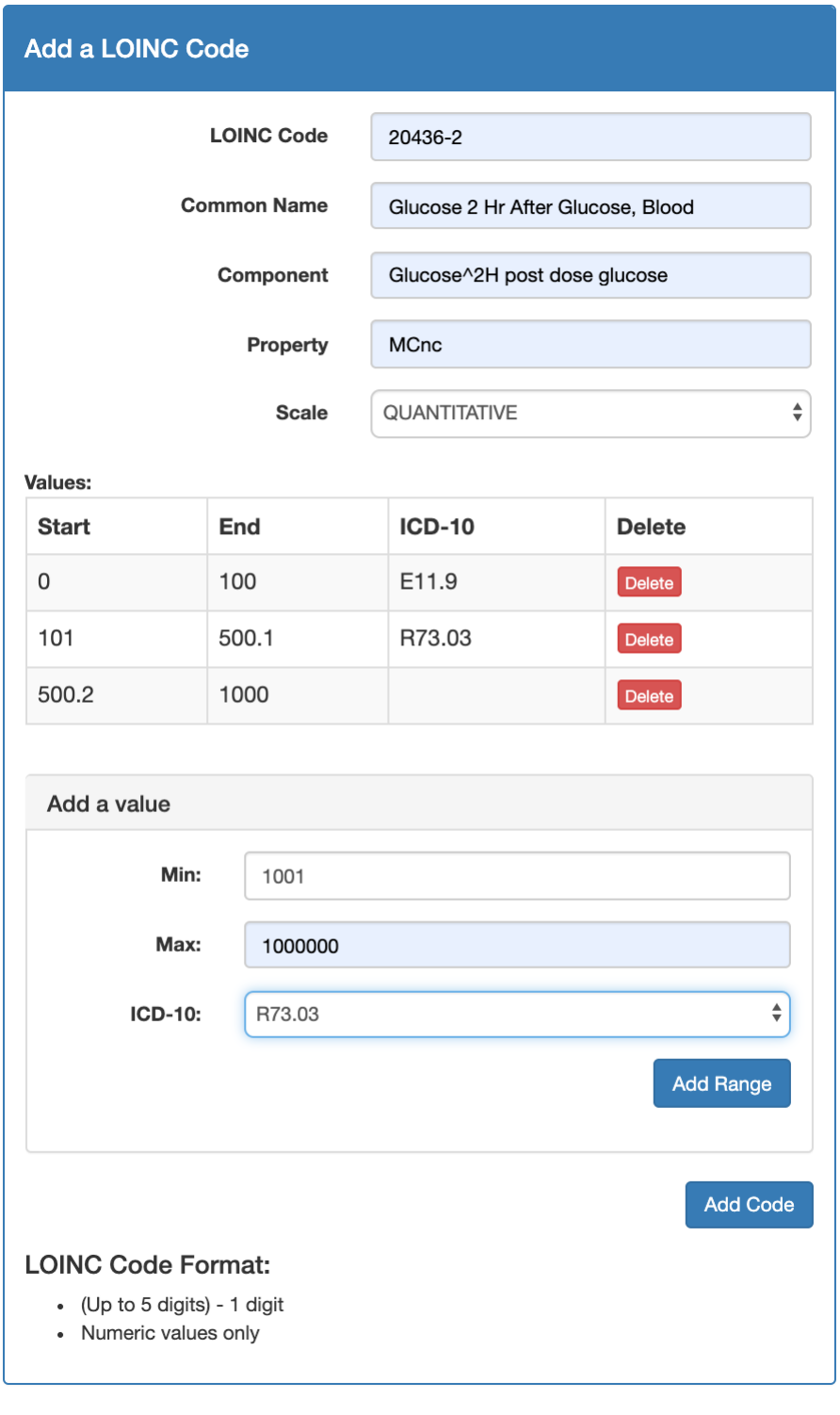
Form for LOINC without a scale



For for LOINC with Qualitative Scale

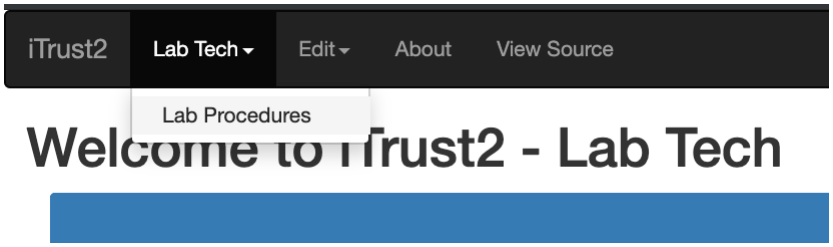


For for LOINC with Quantitative Scale

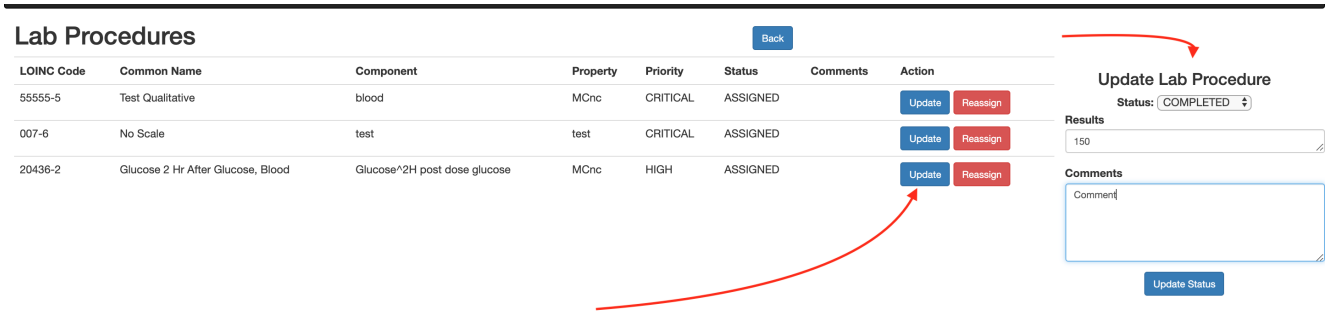


Completing Lab Procedure (Labtech)

The LabTech will first navigate to the `Lab Procedures` page.

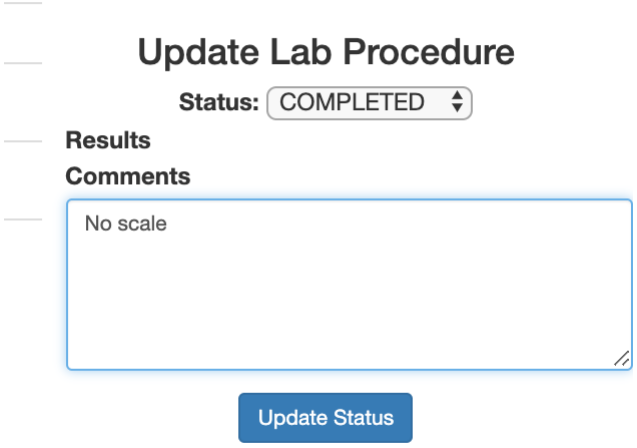


To record a lab procedure's results, the LabTech will select the `update` button on the row associated with the lab procedure in question. The LabTech will also change the status dropdown to `Completed` on the `Update Lab Procedure` form.



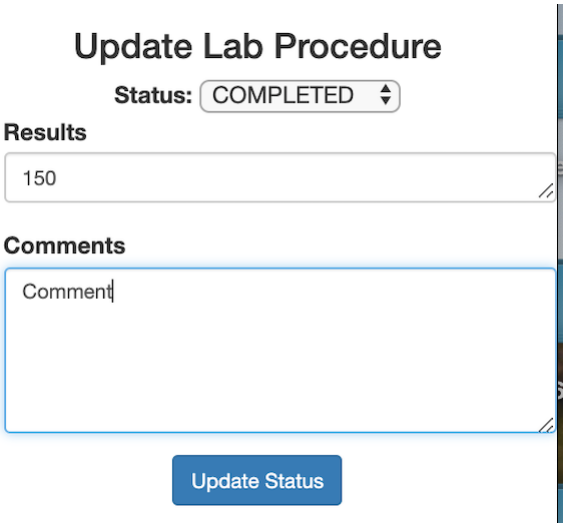
Lab Procedure with No Scale

The `Comments` text field is required.



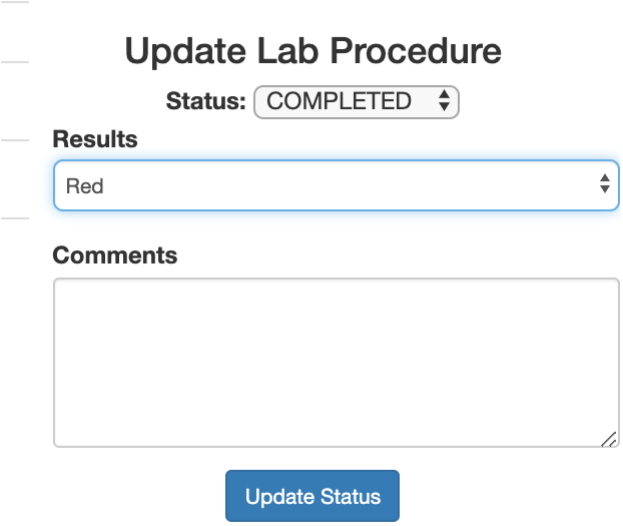
Lab Procedure Quantitative scale

The `Comments` text field and the `Result` field are both required. The `Results` field expects a numerical value within the ranges specified in the LOINC.



Lab Procedure Qualitative scale

The `Comments` text field and the `Result` dropdown are both required. The `Results` dropdown will populate with string values as defined in the associate LOINC.

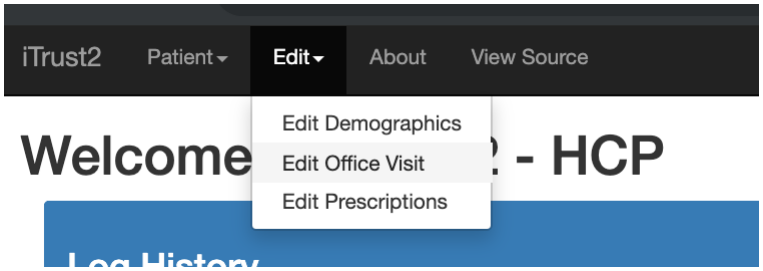


Once the LabTech has filled out the appropriate fields as specified above, they select `Update Status` and the procedure is now complete.

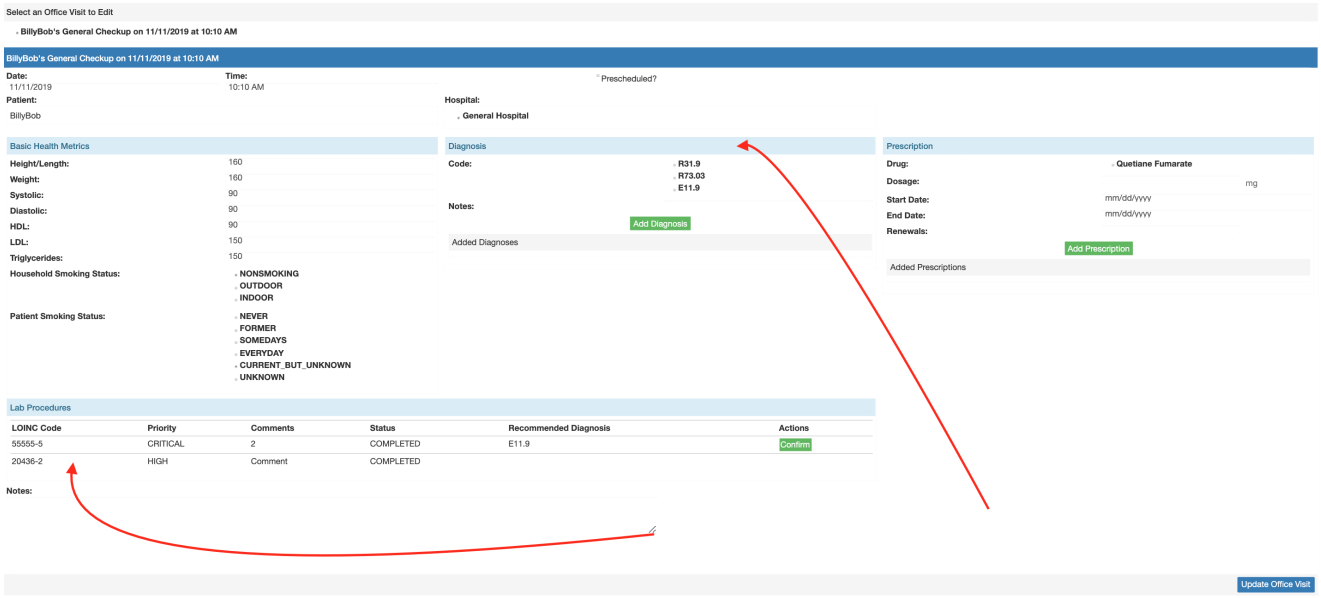
Confirm Diagnosis (HCP)

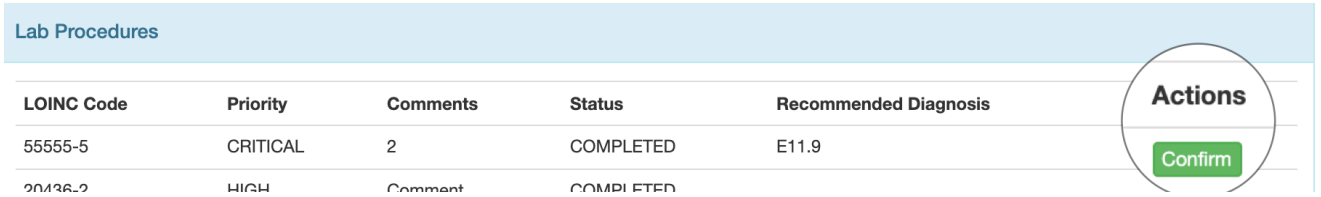
After a lab procedure has been completed the HCP that assigned the procedure can view the results and can confirm suggested diagnosis.

The HCP navigates to `Edit Office Visit` page, and selects the visit where he assigned the lab procedure.

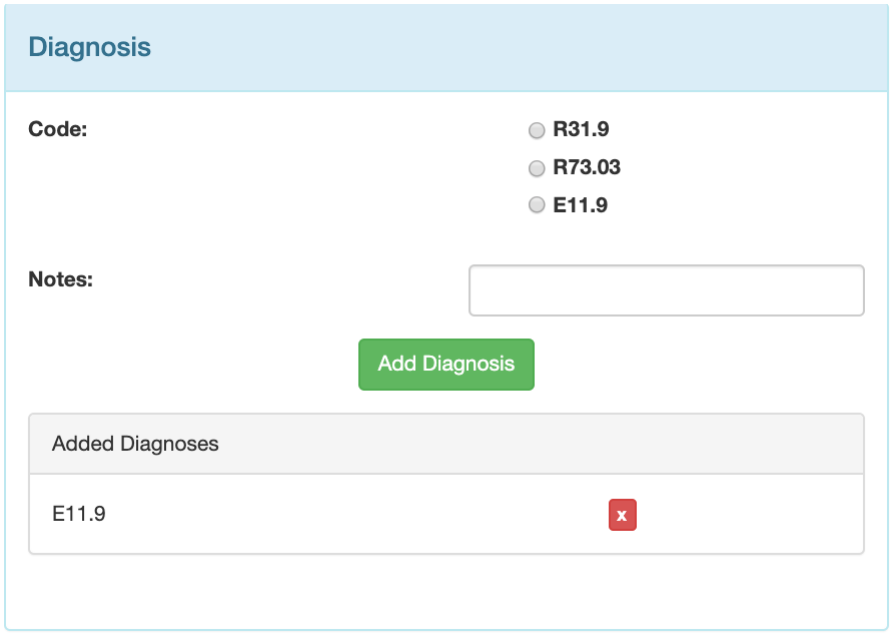


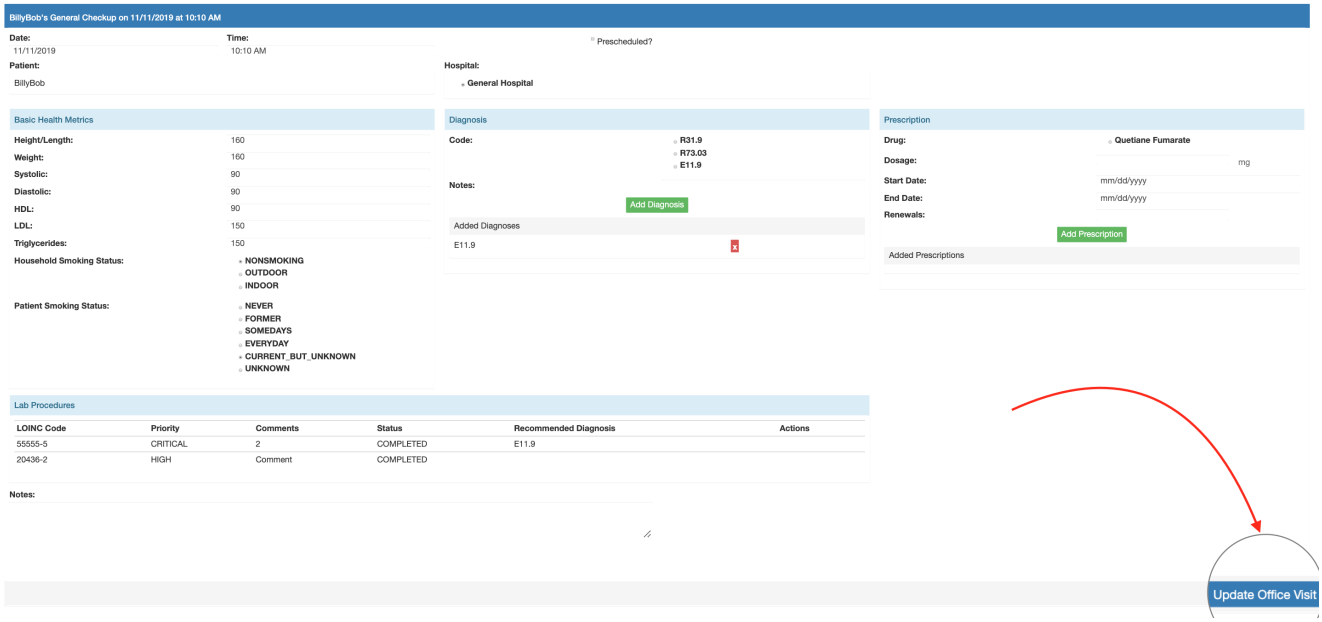
The Office visit will have the results and suggest diagnosis of the procedure in the `Lab Procedures` section. When a suggest diagnosis is confirmed, it appears in the `Diagnosis` section. To confirm a diagnosis, the HCP will select the `Confirm` button on the specified lab procedure.





Once the `confirm` button is selected, the diagnosis will be added in the `Diagnosis` section, and the HCP can then finish the process by clicking `Edit Office Visit` at the bottom of the page.

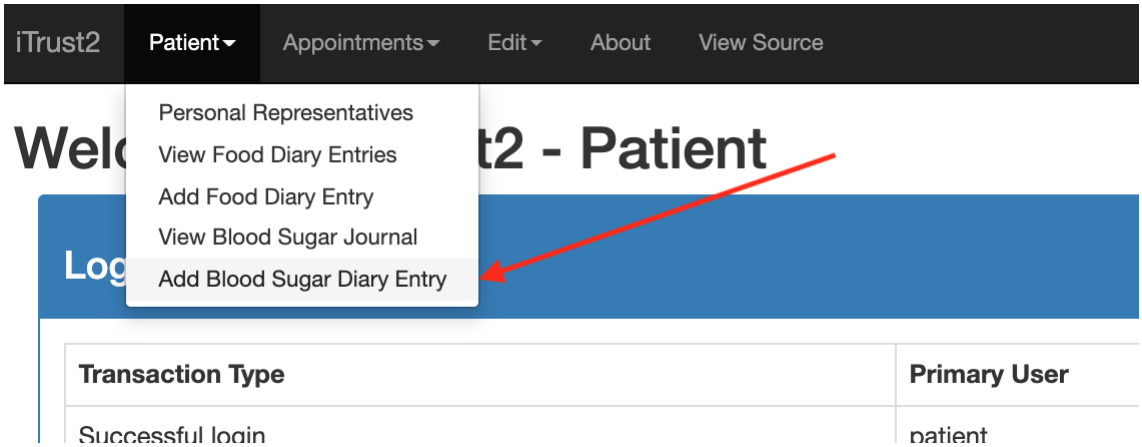




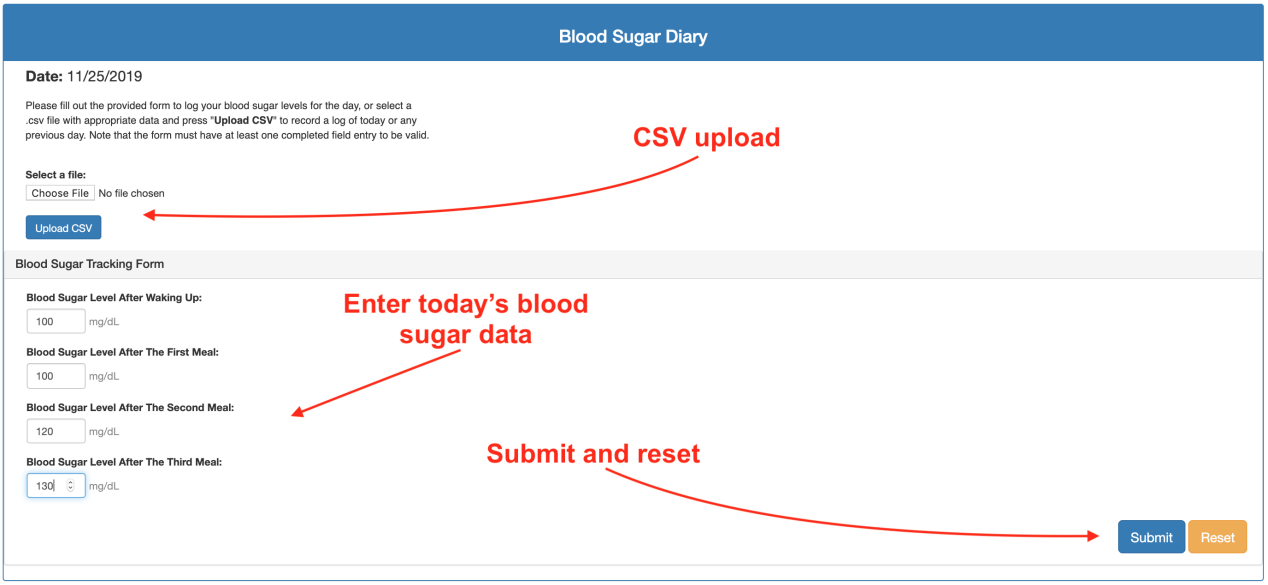
UC 25 Blood Sugar Diary

Add Blood Sugar Diary Entry (Patient)

A patient can add blood sugar diary entries on a per day basis or do a bulk CSV upload. For a patient to enter blood sugar data, they first navigate to the `Add Blood Sugar Diary Entry` page.

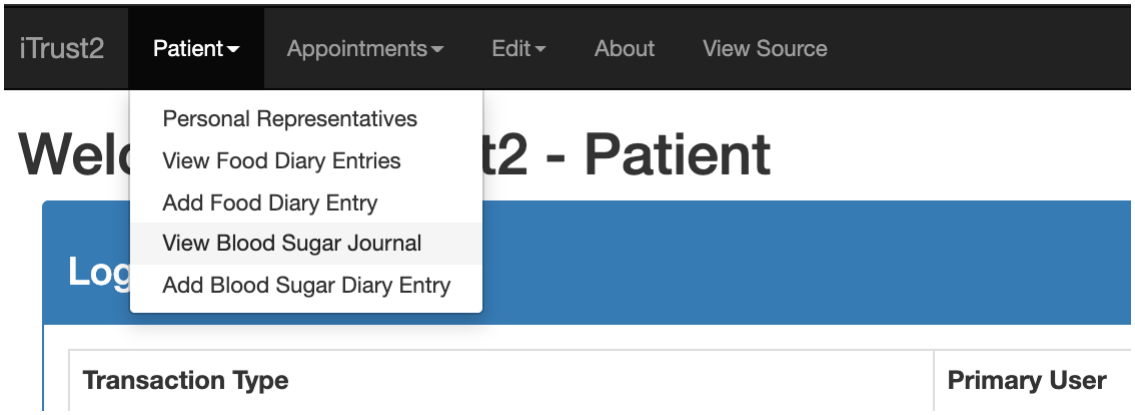


A patient can upload a CSV file in the upper portion of the page by selecting a `.csv` file. Clicking on `Chose file` button will open a file explorer window for the user to select their file. Then the user clicks `Upload CSV` and the data is input. Additionally, a patient can enter their blood sugar entries for today on the lower portion of the page. A patient can enter these all at once, or separately through the day. If they want to edit previous entries for the day, they can. If they have edited the form, but want to go back to the original day's data, they can click `reset`. If they have an addition or edit they want to save, they click `Submit`

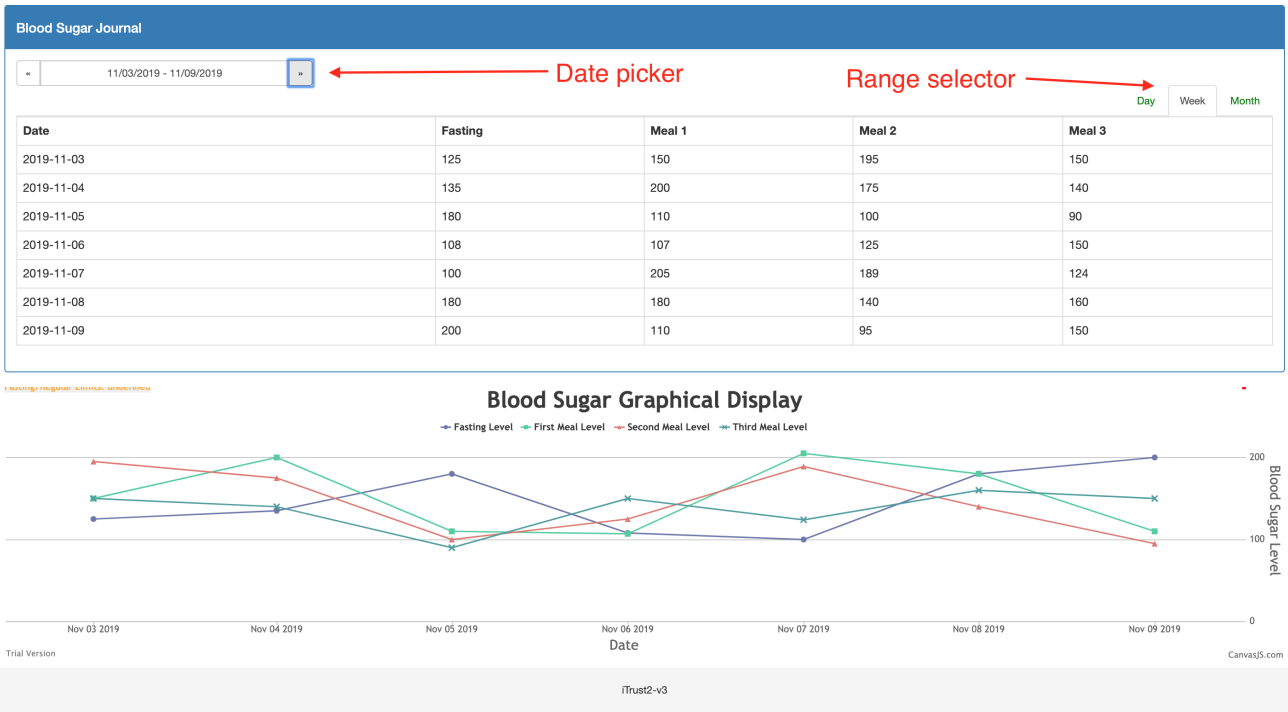


View Blood Sugar Diary Entries (Patient)

To view their blood sugar diary entries, a patient navigates to the `View Blood Sugar Journal` page.



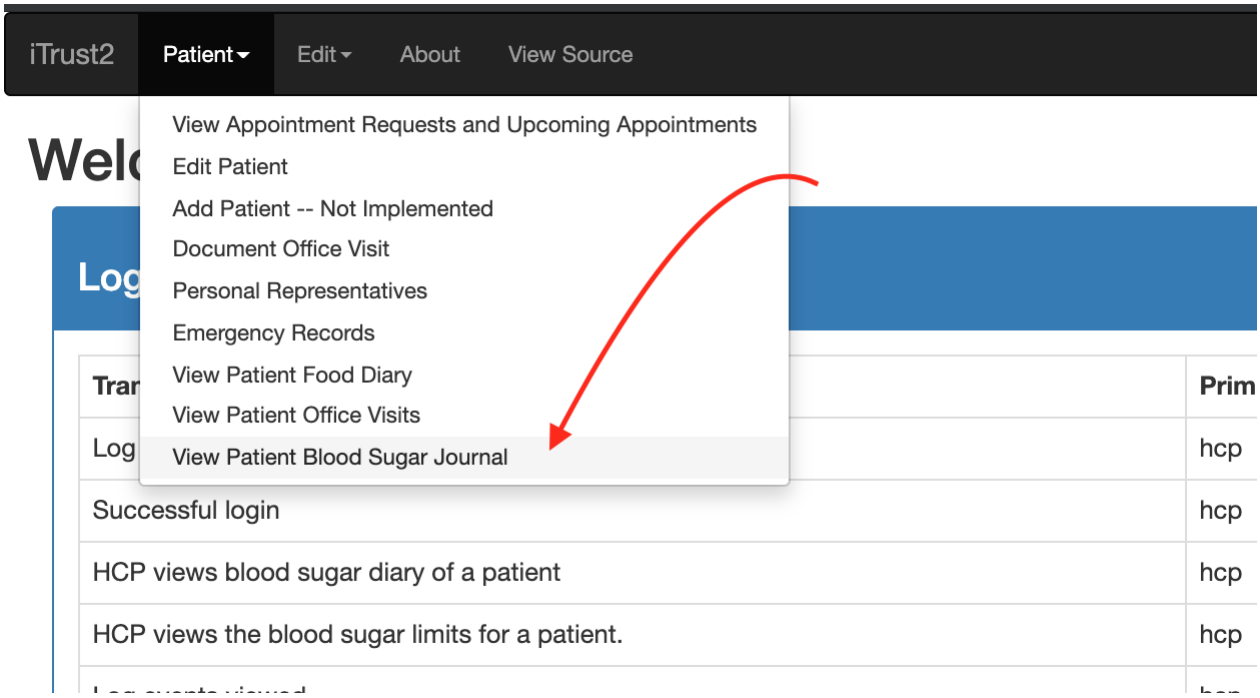
The page displayed shows a patient their journal entries. The patient can view it in table and graphical form. To select the time periods displayed, the patient can select the range of time they want displayed (either one day, a single week, or an entire month), using the range selector buttons on the upper righthand side of `Blood Sugar Journal` panel. The patient can then select the specific dates for the range using the date picker on the upper lefthand side of the `Blood Sugar Journal` . The graphical representation will mirror the same data as displayed in the table.



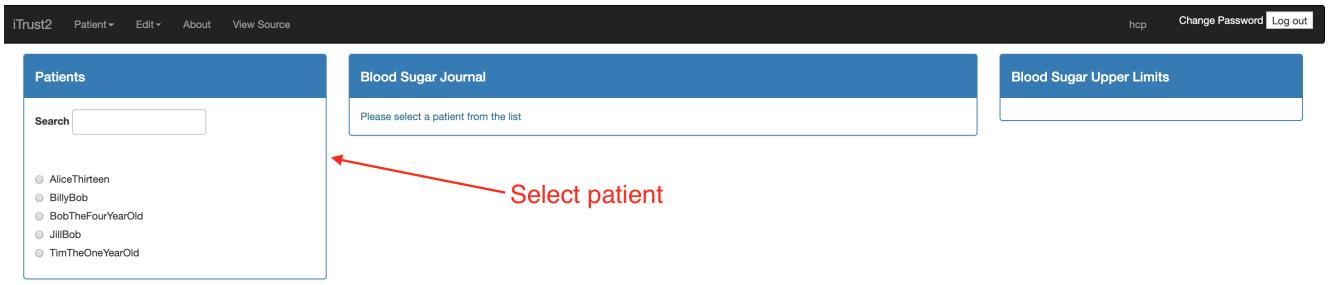
Date	Fasting	Meal 1	Meal 2	Meal 3
2019-11-03	125	150	195	150
2019-11-04	135	200	175	140
2019-11-05	180	110	100	90
2019-11-06	108	107	125	150
2019-11-07	100	205	189	124
2019-11-08	180	180	140	160
2019-11-09	200	110	95	150

View Patients' Blood Sugar Entries and Set Bounds (HCP)

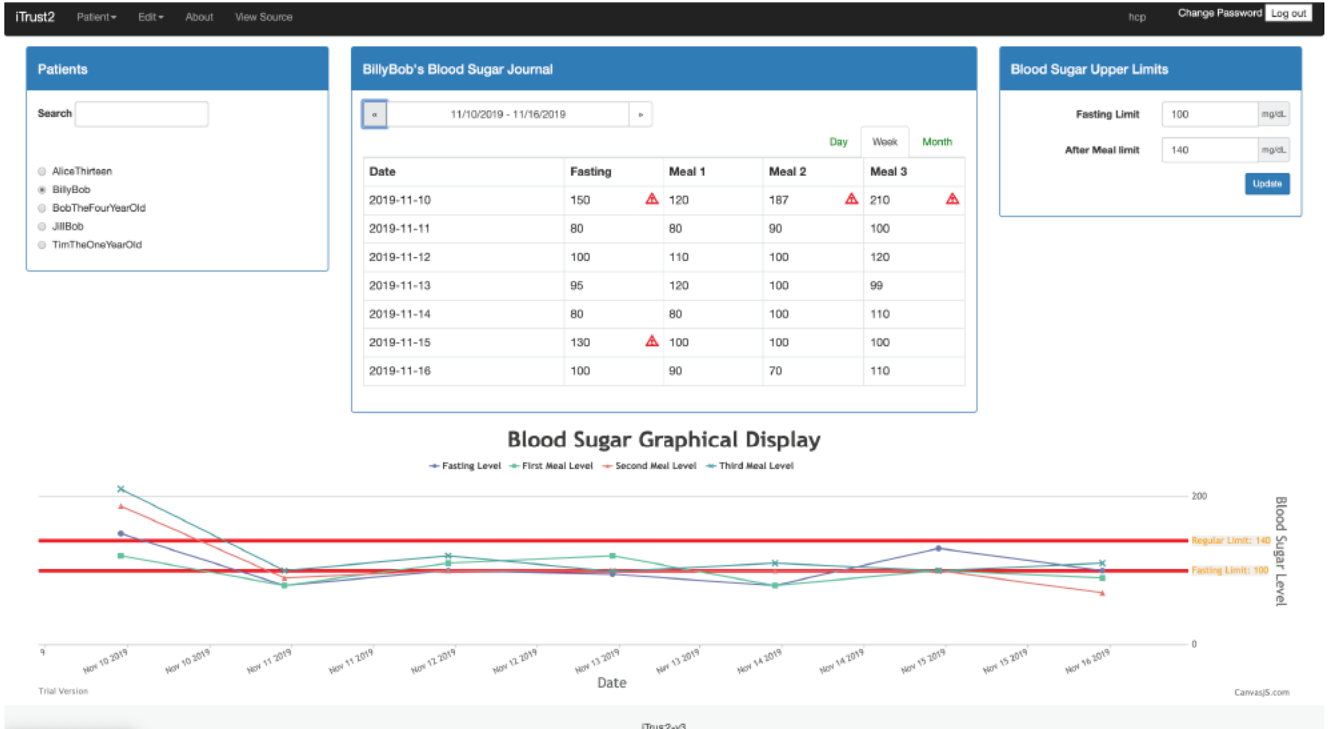
An HCP has the ability to view his patients' blood sugar journal entries and set their upper and lower limits for acceptable blood sugar levels. To do so, the HCP first navigates to the `View Patient Blood Sugar Journal` page.



Next, the HCP selects a patient from the `Patient` panel. The HCP can selects the patient's radio button. The search bar can be used to limit the number of patient radio buttons displayed.



Once the HCP has selected a patient, the page populates the patents information. The HCP can select what range of time and dates he wants to view using the range selector and date picker in the `<patient's name>'s Blood Sugar Journal` panel in the center of the screen. The graphical representation will mirror the same data as displayed in the table. To set the blood sugar limits, the HCP can use the fields in the `Blood Sugar Upper Limits` panel on the upper righthand side of the page.


iTrust2
Patient
Edit
About
View Source
hcp
Change Password
Log out
Patients
Search
AliceThirteen
BillyBob
BobTheFourYearOld
JillBob
TimTheOneYearOld
BillyBob's Blood Sugar Journal
11/10/2019 - 11/16/2019
Day
Week
Month
Date
Fasting
Meal 1
Meal 2
Meal 3
2019-11-10 150 120 187 210
2019-11-11 80 80 90 100
2019-11-12 100 110 100 120
2019-11-13 95 120 100 99
2019-11-14 80 80 100 110
2019-11-15 130 100 100 100
2019-11-16 100 90 70 110
Blood Sugar Upper Limits
Fasting Limit 100 mg/dL
After Meal limit 140 mg/dL
Update
Blood Sugar Graphical Display
Fasting Level
First Meal Level
Second Meal Level
Third Meal Level
200
Regular Limit: 140
Fasting Limit: 100
0
Blood Sugar Level
Nov 10 2019
Nov 10 2019
Nov 11 2019
Nov 11 2019
Nov 12 2019
Nov 12 2019
Nov 13 2019
Nov 13 2019
Nov 14 2019
Nov 14 2019
Nov 15 2019
Nov 15 2019
Nov 16 2019
Date
Trial Version
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