



ReviewGx

Quick Start Guide

ReviewGx is medication review and deprescribing software that complements TreatGx in GenXys' Clinical Decision Support System. Together, they integrate pharmacogenetic (PGx) data and patient health information to provide personalized, evidence-based treatment options.

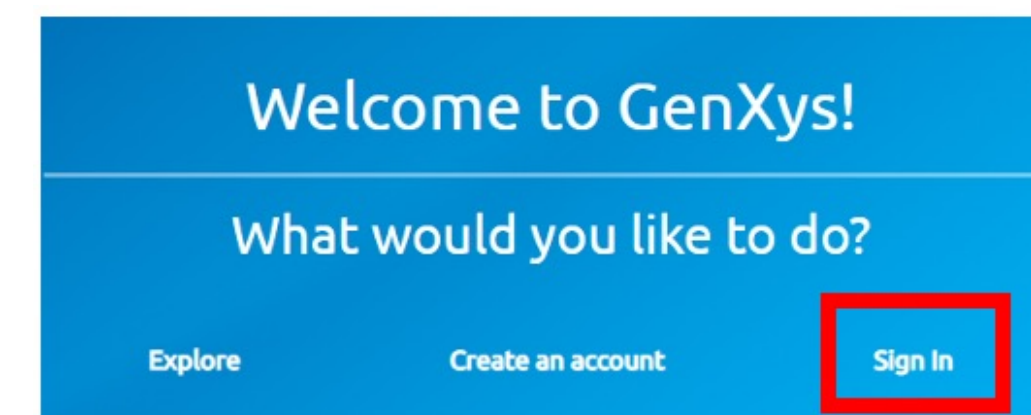
ReviewGx identifies safety and efficacy issues in current medication therapy using evidence-based algorithms built on PGx guidelines and medication safety data. It works with or without PGx results and highlights when PGx data could inform decisions. A complete patient profile, including current medications and lab results, enhances the review's precision.

Table of Contents

Accessing ReviewGx
Navigating the Portal
Adding or Selecting a Patient
Adding or Selecting a Patient
Generating a Report

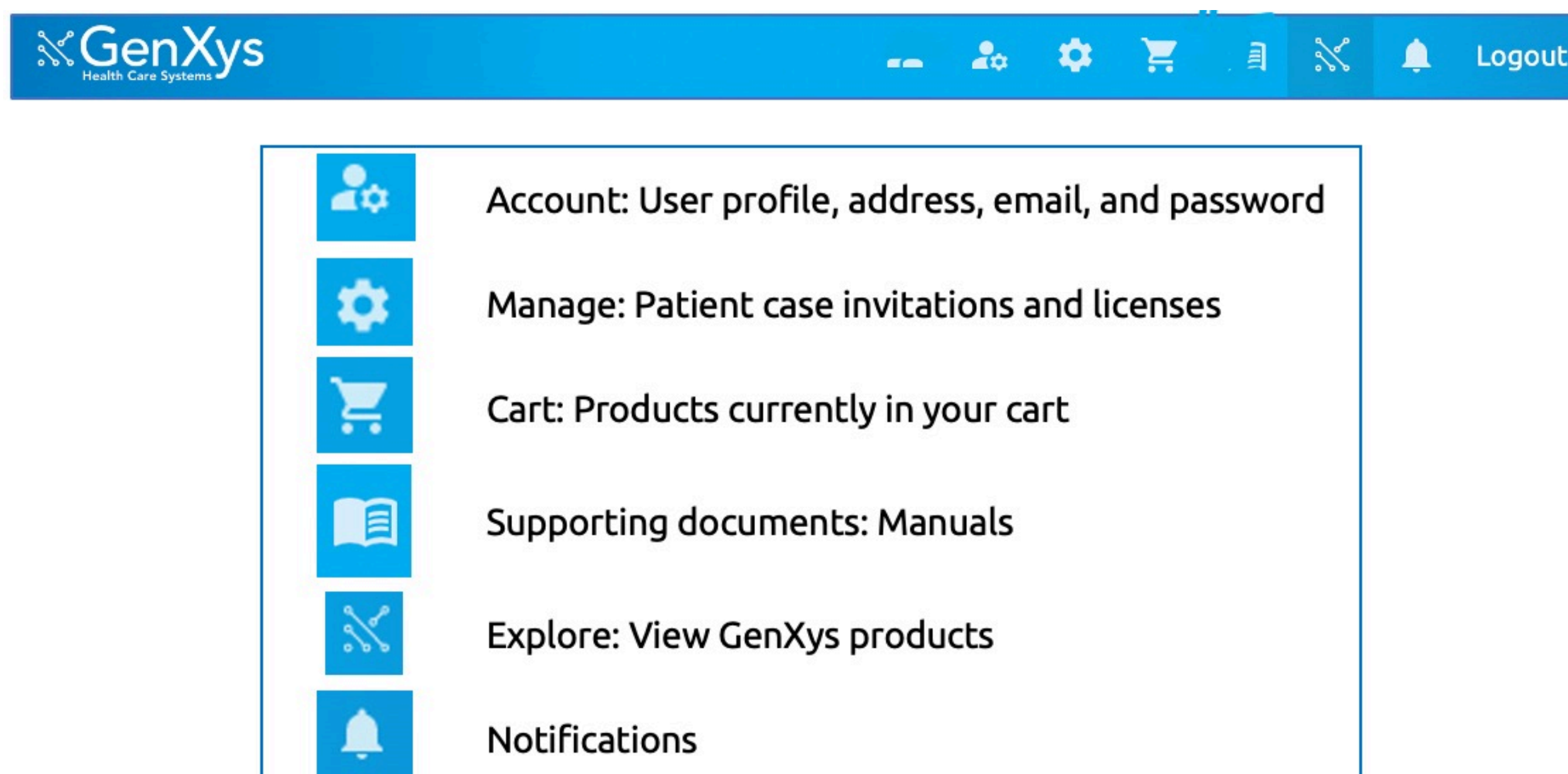
Accessing ReviewGx

1. Go to the sign in page: [USA Log In](#) or [Canada Log In](#)
2. Select the Sign In button

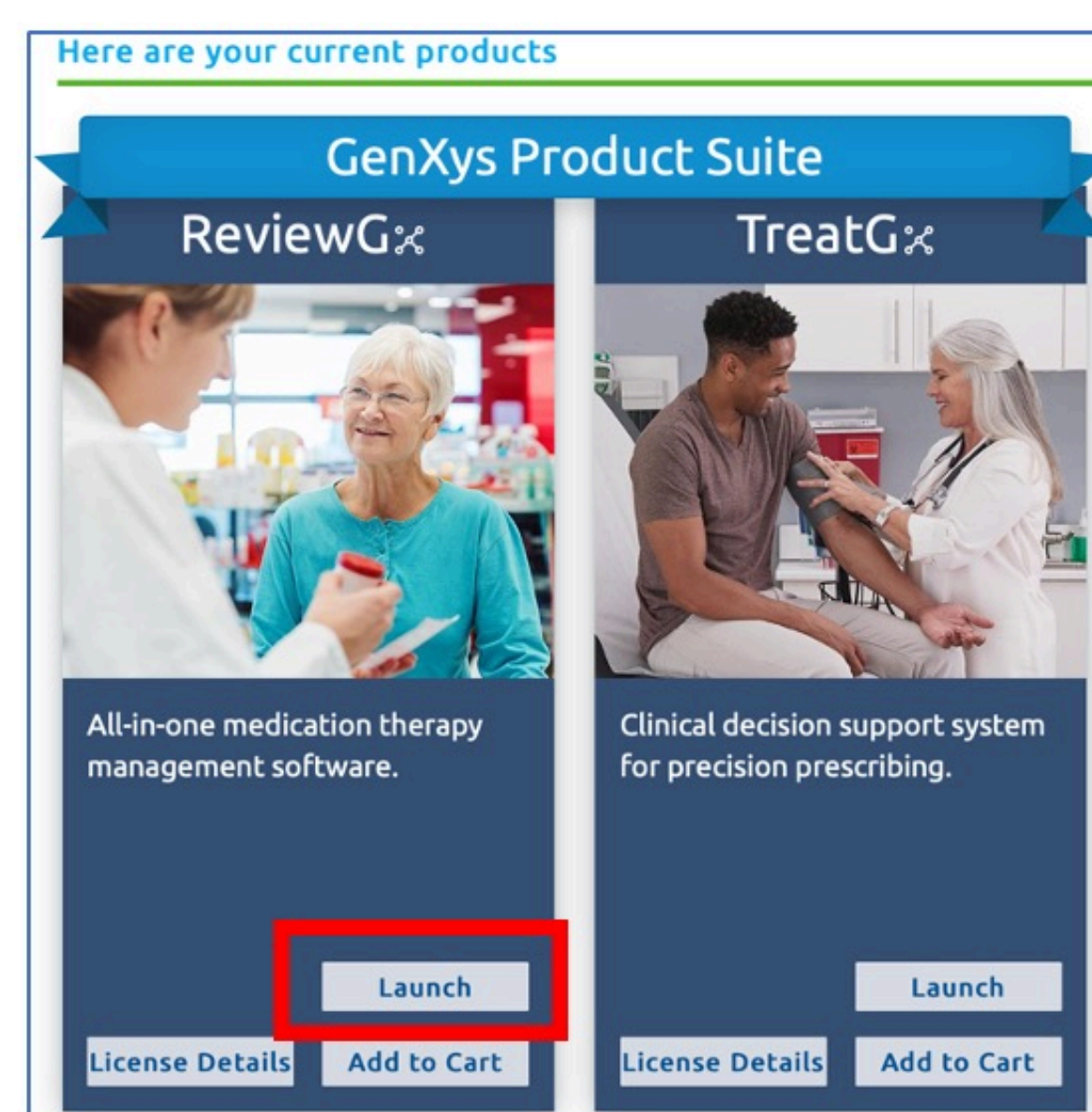


Navigating the Portal

The top bar displays a series of icons:



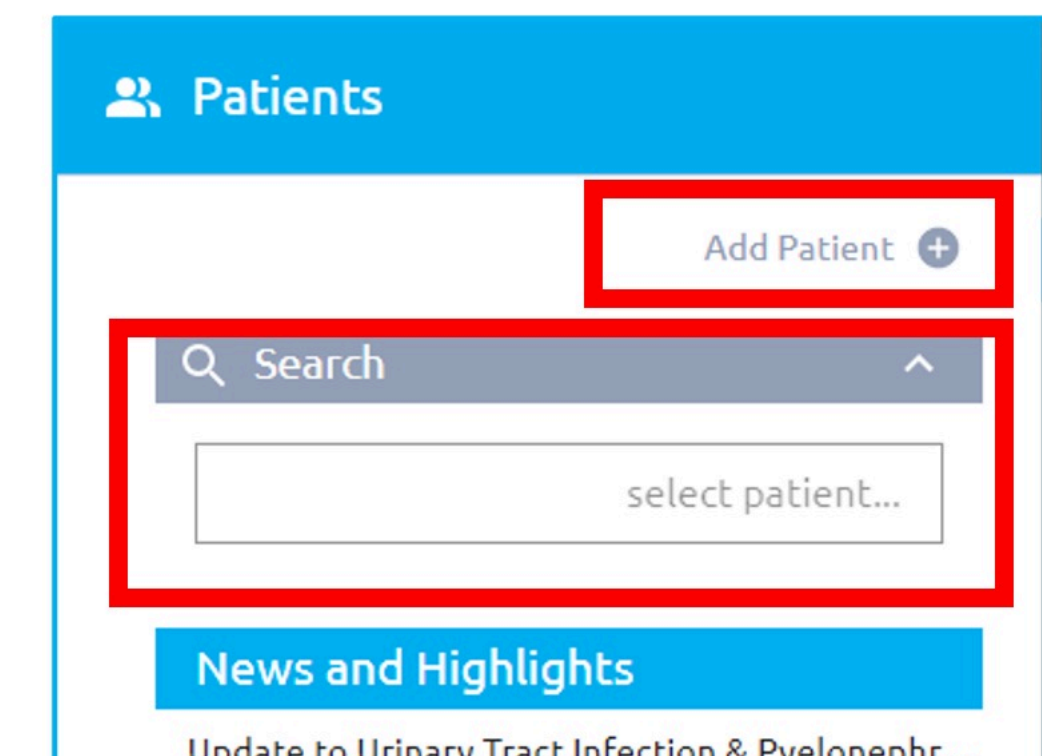
Launch TreatGx from the card



Adding or Selecting a Patient

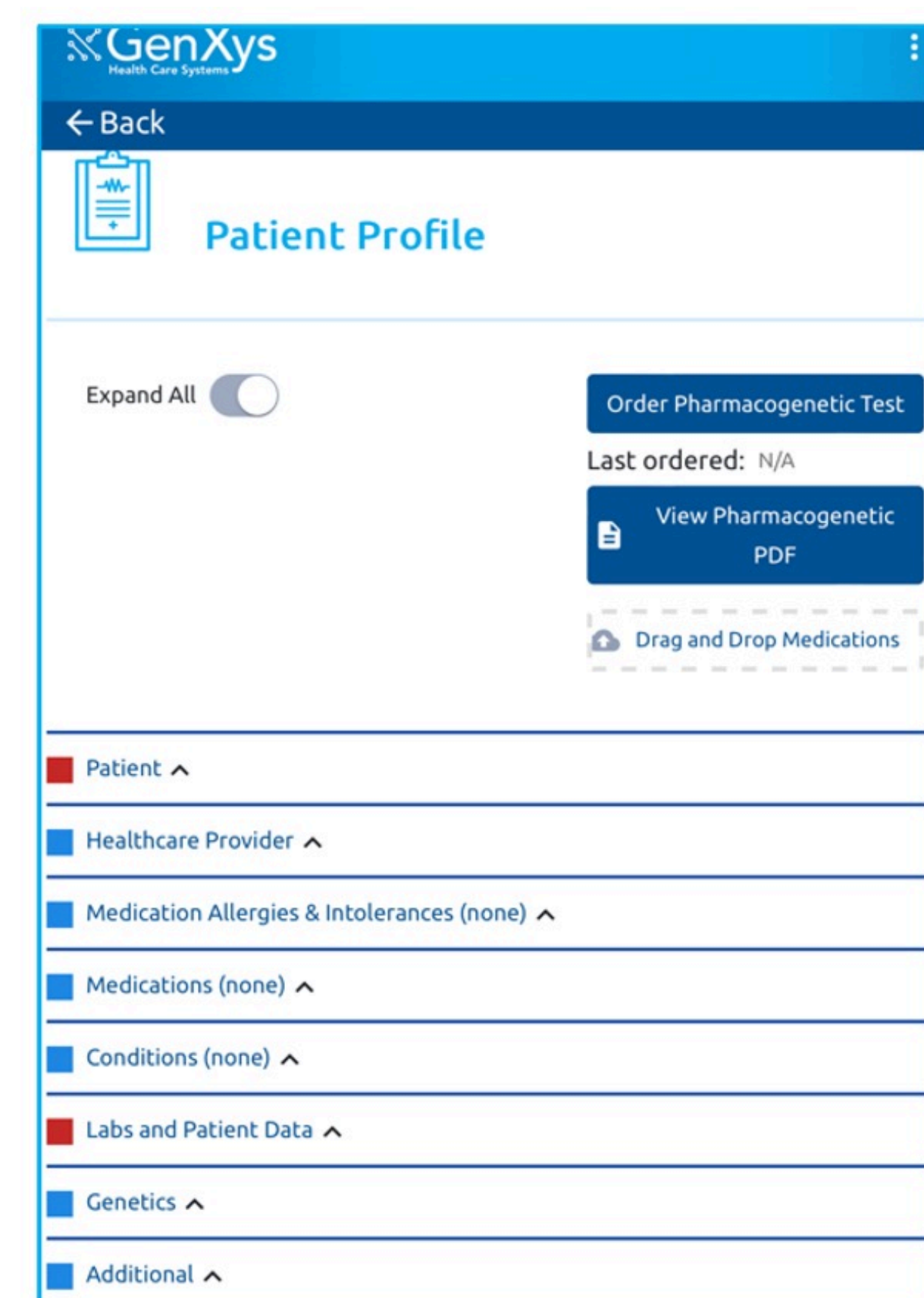
The Patients sidebar will appear on the left side of the screen when you open ReviewGx and will allow you to:

- Add a new patient profile
- Search for an existing patient profile.



Selecting “Add Patient” will bring you to a new page with a blank patient profile with several categories to enter information. Select a category to expand the entry field. Any fields that are tagged with a red box indicate that they require information to be entered for medication options to be generated. An entry box tagged with a blue box indicates one of three things i) it is optional information, ii) a required field has been filled and satisfied, or iii) no further information is needed to generate a result.

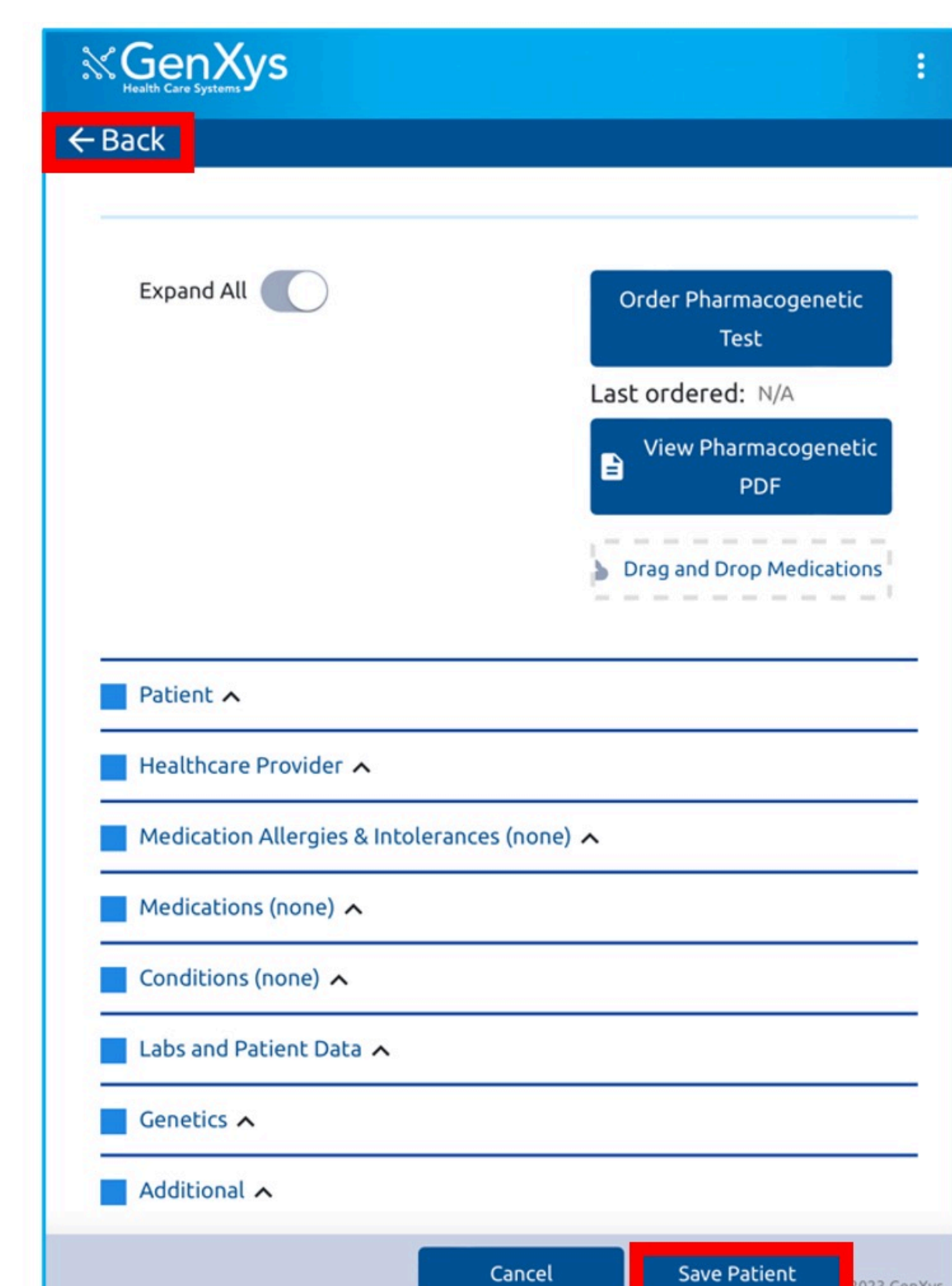
- Patient (required)
- Healthcare Provider
- Medication Allergies & Intolerances
- Medications
- Conditions
- Labs and Patient Data (required)
 - Kidney function defaults to an eGFR of 100 mL/min unless manually changed
 - Liver function defaults to No Liver Disease unless manually changed
- Genetics
 - All genetic results are defaulted to unknown unless manually changed or pharmacogenetic test results have been imported



When all the required fields have been completed, select “Save Patient” on the bottom right-hand corner of the screen. Wait for the green banner to appear to indicate the patient profile has been successfully updated. Users can also place an order for a PGx test by selecting the partner lab.

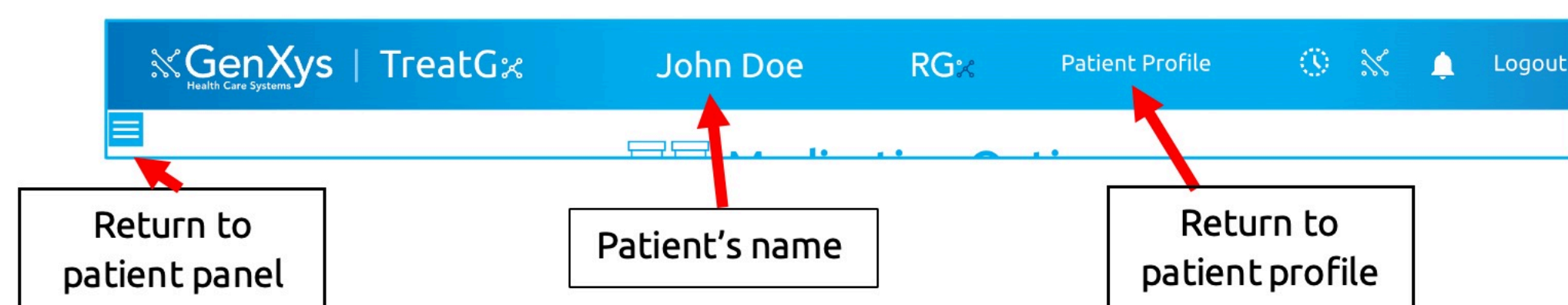
Select Back on the upper left-hand corner of the screen to generate the medication review.

Don't forget to “Save Patient” to save all the changes made to the patient profile!



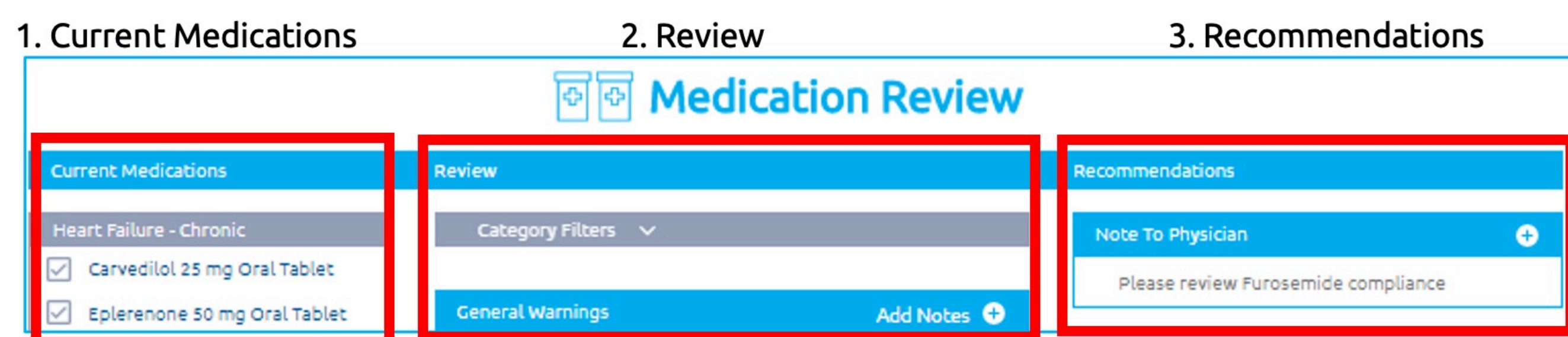
Generating a Medication Review

From the page banner, you can return to the patient panel, see the current patient's name, or return to the patient's profile



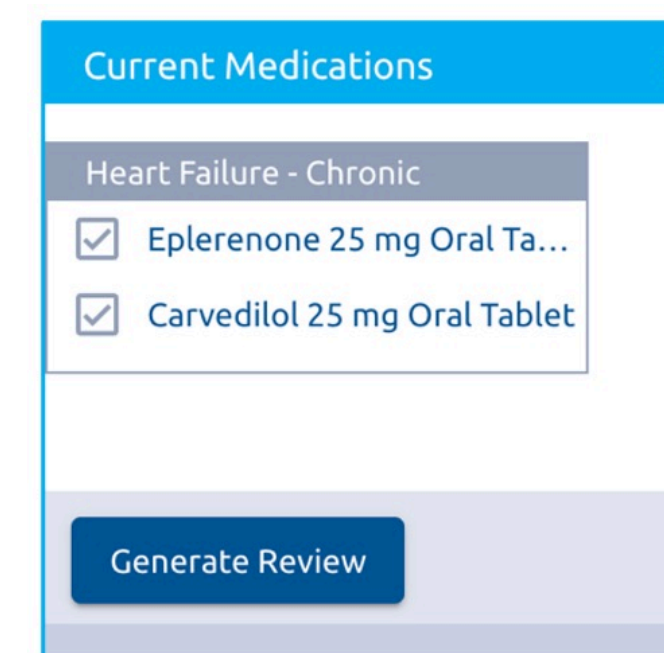
To view the Medication Review pages select a patient from the “patient panel”.

The Medication Review page has three sections:

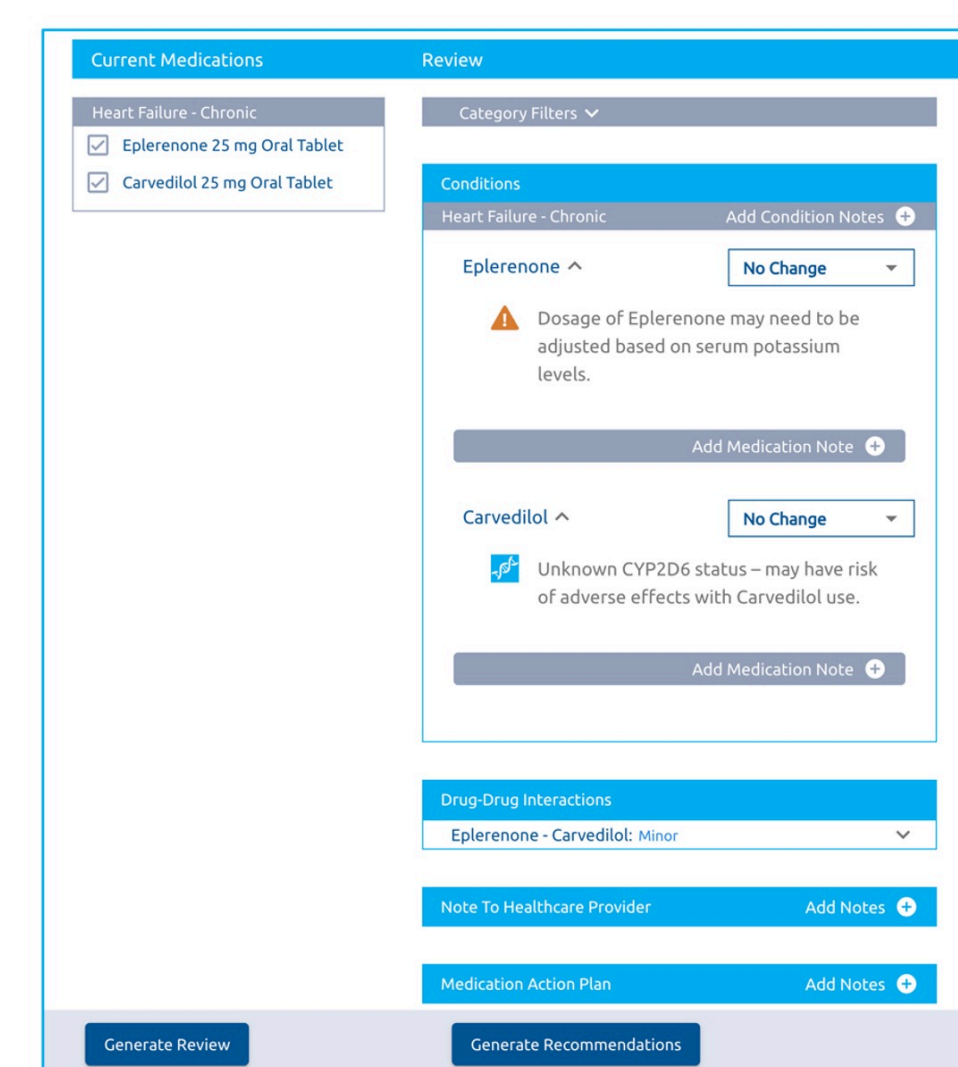


The **Current Medications** column (left column) is a list of all medications the patient is currently taking and is sorted by the condition being treated. If a medication is taken to treat more than one condition, it will appear in all relevant conditions. Within this section, medications can be selected or deselected by clicking the checkbox beside the drug. Only selected drugs will be reviewed further.

The Review column is generated when “Generate Review” is selected at the bottom of the Current Medications column.



The **Review** column (middle column) lists all conditions with the selected medication used to treat that condition. Within each drug, the ReviewGx software may generate one or more informative statements



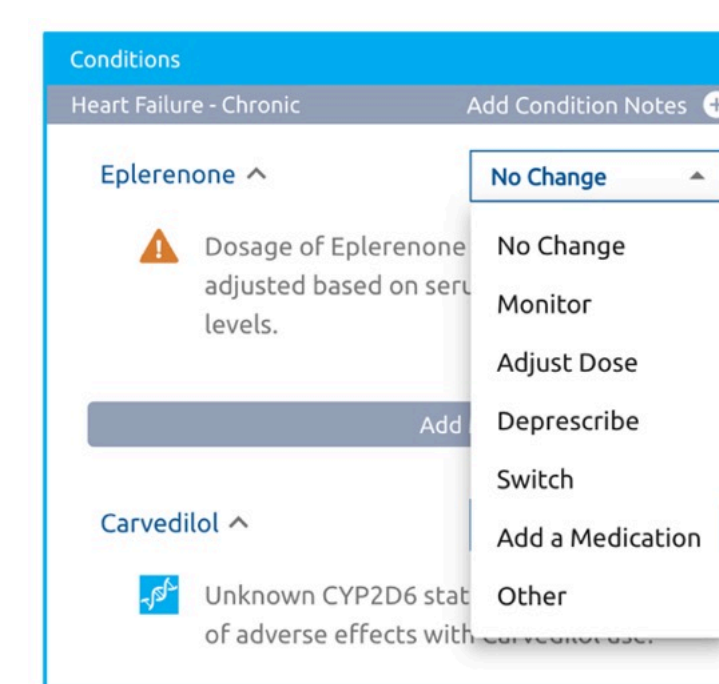
Actions: For each drug, the user can select an action to take based on the results generated by the software. The action will appear on the report.

Recommendations (Right Column)

Recommendations are generated by selecting “Generate Recommendations” at the bottom of the Review column. They are based on all the information in the Review column.

Notes may also be added within this column. These will appear on the report when it is generated and will be visible to the prescriber and/or patient receiving the report.

At any time, the reviewer can make any changes to the middle Review column and these changes will be automatically reflected in the Recommendations column.



Generating a Report

The report is generated from the Recommendations by selecting “Generate Report” at the bottom of the column

The report is a PDF document with current patient information and any additions or changes suggested through the review process, such as a deprescription. If any drugs were not selected in the Current Medications section, they will appear listed at the bottom of the Report.

ReviewGx

Medication Review:
John Doe

Review created for:
John Doe
July 11, 2023 (GMT-7)

Generated by:
Diana Dawes

Patient Details:
John Doe
PHN:
DOB: 1990-05-24
Age: 33
Sex: Female
Height: 56cm
(last updated: July 10, 2023 (GMT-7))
Weight: 140lbs
(last updated: July 10, 2023 (GMT-7))
Cirrhosis: No
(last updated: July 10, 2023 (GMT-7))
Elevated liver enzymes: Yes
(last updated: July 10, 2023 (GMT-7))
Hepatic Impairment Scale (Child-Pugh): No
(last updated: July 10, 2023 (GMT-7))
Hepatitis: No
(last updated: July 10, 2023 (GMT-7))
On hemodialysis: No
(last updated: July 10, 2023 (GMT-7))
On peritoneal dialysis: No
(last updated: July 10, 2023 (GMT-7))
Serum Creatinine: 55umol/L
(last updated: July 10, 2023 (GMT-7))
eGFR (mL/min): 100
(last updated: July 10, 2023 (GMT-7))

Report Message Categories

The following review message categories are included in this report:
Pharmacogenetic Information
Warnings and Adjustments

Known Allergies and Reactions
Macrolide antibiotics (Non-life threatening reaction)

Recommended Actions
Heart Failure - Chronic
Eplerenone 25 mg Oral Tablet
Monitor serum potassium
Current dose: Not Available
Dosage of Eplerenone may need to be adjusted based on serum potassium levels.
No Recommended Actions
Heart Failure - Chronic
Carvedilol 25 mg Oral Tablet
Current dose: Not Available
Unknown CYP2D6 status – may have risk of adverse effects with Carvedilol use.

Drug-Drug Interactions
Eplerenone - Carvedilol (Minor)
Eplerenone may increase the hypotensive activities of Carvedilol.

This Report can be archived within the ReviewGx software, saved, or printed directly from the PDF (top right of screen).

Archive Report

The user can access archived reports through the “report history” button found at the top right of Medication Review screen.

Patient Profile

Logout