Using VisualDx in the SMART on FHIR Environment

Features Overview

BUILD A DIFFERENTIAL

If the patient record contains conditions recognized by VisualDx, they will appear as possible chief complaints at the top of the screen. Clinicians can select a chief complaint to quickly start building a custom differential.

SMART SEARCH

Search by chief complaint, medication, or travel location to start building a custom differential. Or simply search a specific diagnosis to go straight to clinical information, images, and Sympticons™.

TIME LINE

View the patient record from the last 3 months, 6 months, 1 year, 5 years, or all time. The most recent time period with available data will be the default view for each patient. If no data is available for a time period (i.e. the patient has not been seen in the last 3 months), that time period will not be shown. If no medications were prescribed during a time period, no data will be shown.

CHECK MEDICATIONS

If any medications appear in the patient record, VisualDx will display them here. To check adverse medication reactions, click on the medication to begin a differential.

WHY IS THIS ITEM GRAY?

Medications or diagnoses are pulled from the patient chart and recognized by VisualDx using medical coding. If a listed item appears grayed out, VisualDx may not yet have content for the item, the coding may have been input incorrectly, or the code map may be incomplete.

For medications, the dark bar indicates when a medication was prescribed and the length of the prescription. The light gray bar indicates that the prescription is still active in the chart.

For diagnoses, the dark bar indicates each date the complaint was noted in the record. The light gray bar indicates that the diagnosis has no abatement date. Hover over the dark or light bars to see dates and status of the diagnosis.

RESEARCH DIAGNOSES

Current and past diagnoses are pulled from the patient record and appear on the problem list. Click on any diagnosis to see clinical information and images in VisualDx.

WHAT DETERMINES THE DISPLAY ORDER OF DIAGNOSES?

The problem list begins with the oldest diagnoses without abatement dates, then continues with diagnoses with abatement dates. Last, gray items with no links in VisualDx are displayed in the same order - oldest unabated to abated.
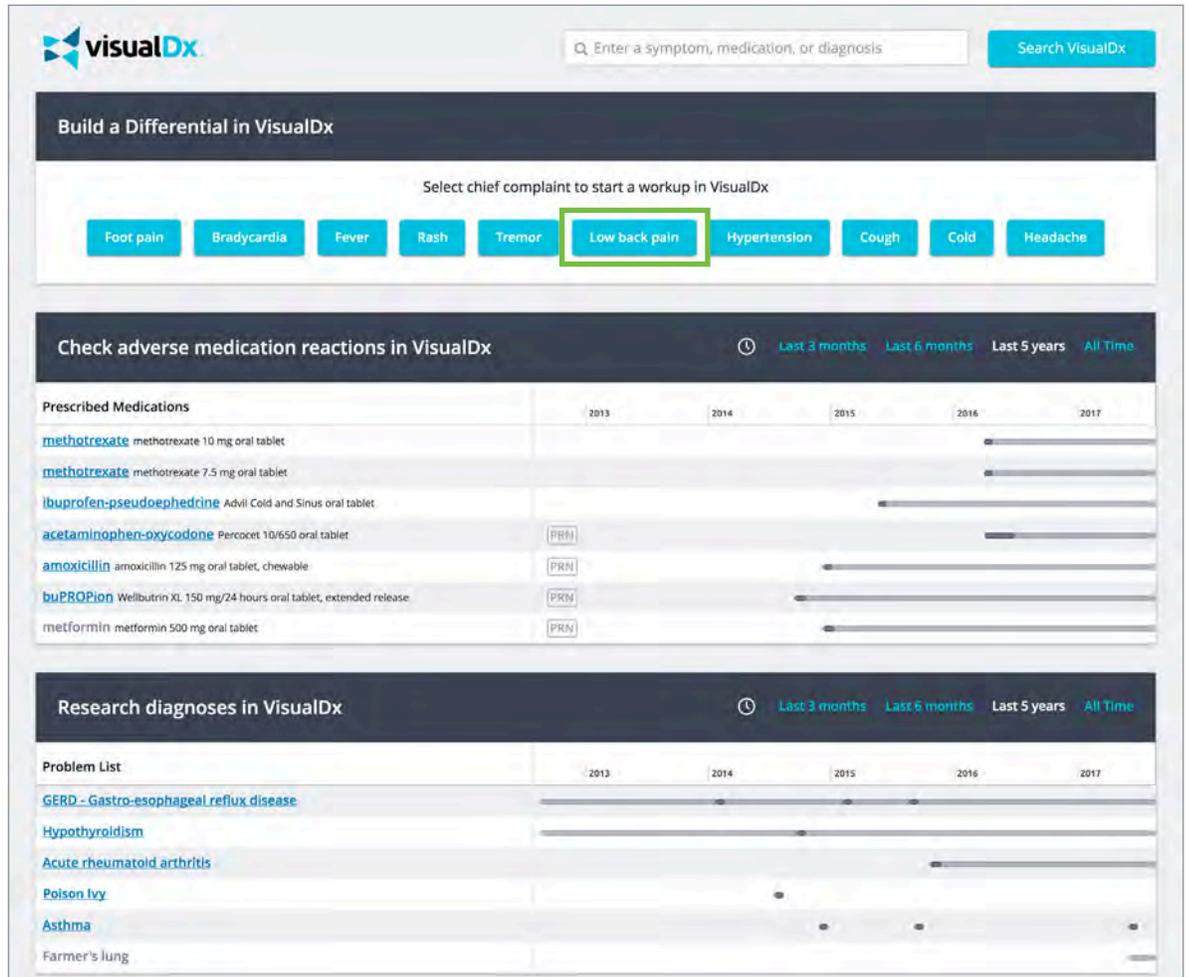
PRESCRIPTION INFORMATION

Hover over the dark gray area of the time line to see prescription information for each medication. Medications to be taken as-needed are noted as PRN.

Build a Differential

STEP 1

If the patient record contains conditions recognized by VisualDx, they will appear as possible chief complaints at the top of the screen.

Select the patient's chief complaint to begin the workup.

Build a Differential

STEP 2

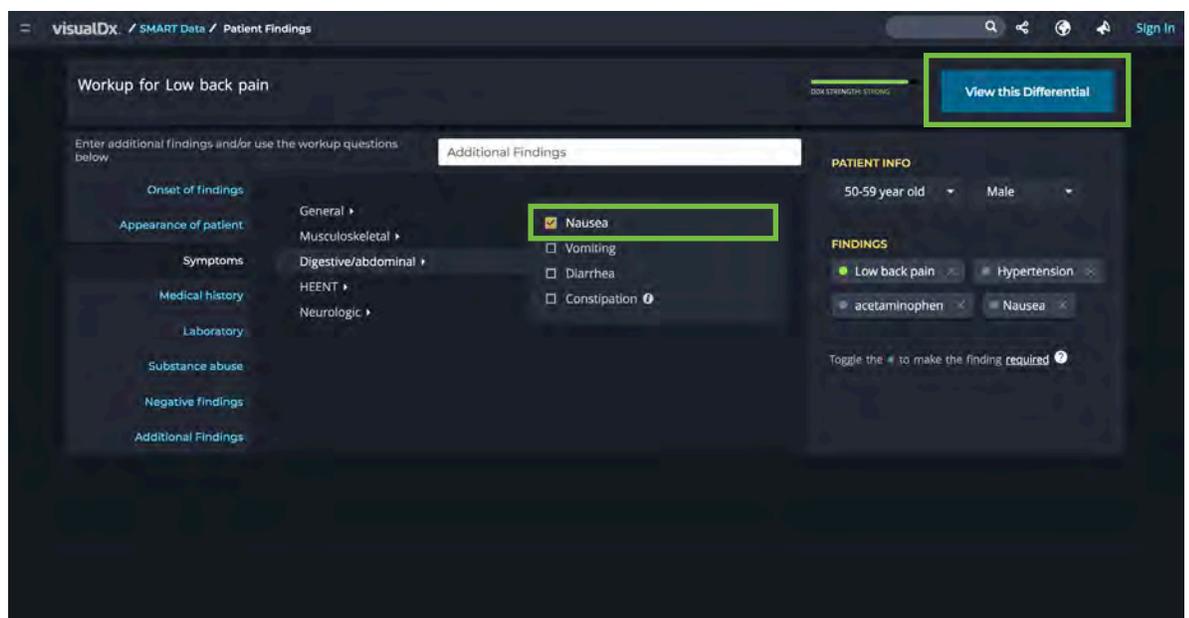In the pop-up window, **select any additional findings and a medication**, if applicable, to include in the workup.

Click See the Differential in VisualDx.
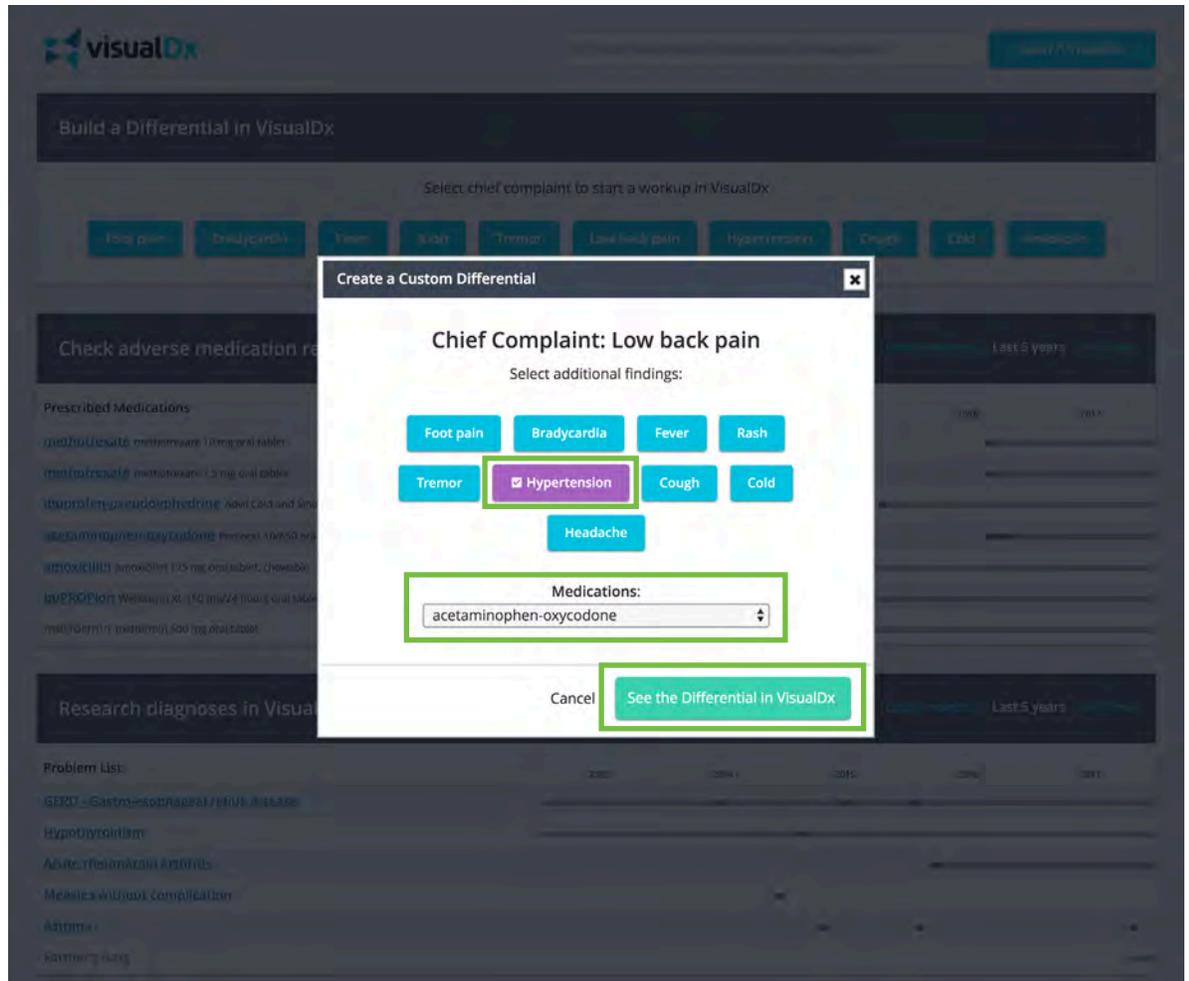
STEP 3

In the VisualDx workup, **add more additional findings**, if desired, to include in the workup.

Click View this Differential.

Build a Differential

STEP 4

View the diff rential results. Change the view from photo to Sympticon to list as desired.

**Click on any diagnosis to see clinical information and images**.

EDIT YOUR WORKUP

Need to make changes to the fi dings you entered?

Click on **Add or Remove Findings** to make changes and view your differential results again.

GO BACK AND START AGAIN...

Want to go back to the beginning and look up a medication or click directly on a diagnosis?

Click on **SMART Data** to return to the start screen. Do this at anytime during the workup to start over.
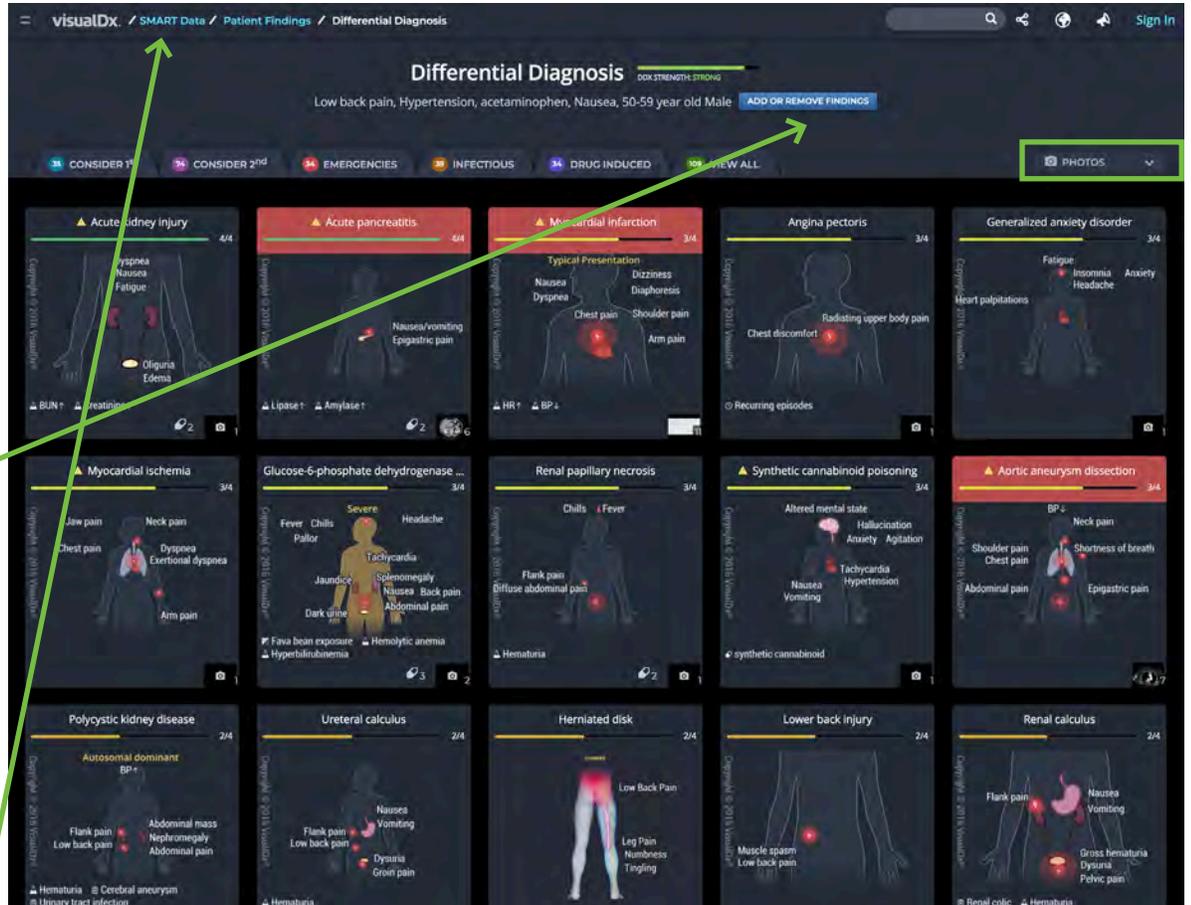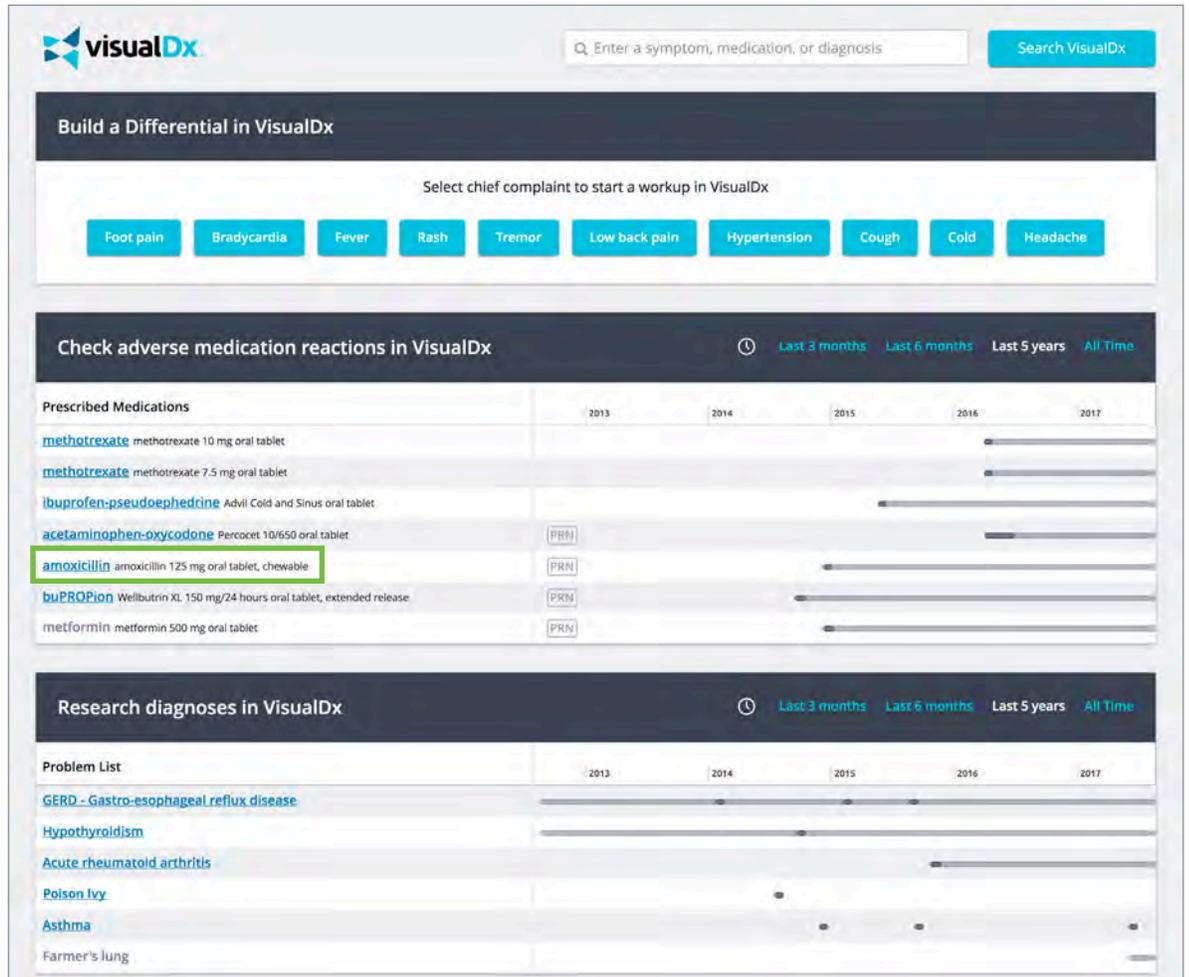
Check for Adverse Medication Reactions

Prescribed medications from the patient record will be shown, even if VisualDx does not have related content.

Select a medication link to begin the workup.

Check for Adverse Medication Reactions

In the pop-up window, **select any additional findings**, if applicable, to include in the workup. (If no findings are available in the patient record, you will skip right to Step 4.)
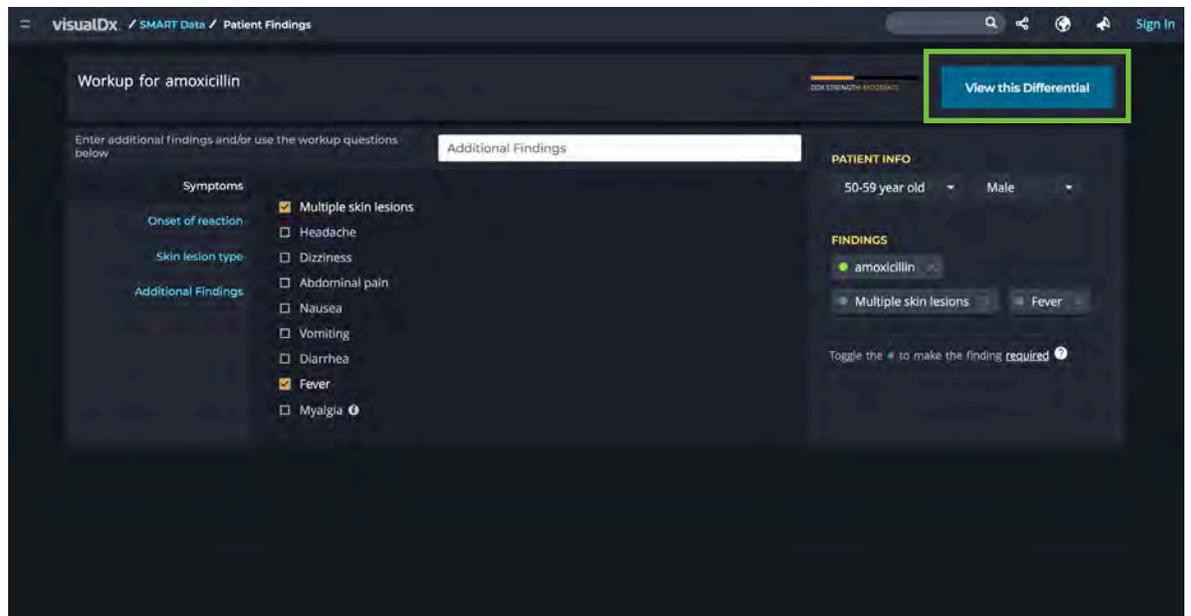
Click See the Differential in VisualDx.

In the VisualDx workup, **add more additional findings**, if desired, to include in the workup.

Click View this Differential.

Check for Adverse Medication Reactions

STEP 4

View the diff rential results. Change the view from photo to Sympticon to list as desired.

Click on any diagnosis to see clinical information and images.

EDIT YOUR WORKUP

Need to make changes to the fi dings you entered?

Click on **Add or Remove Findings** to make changes and view your differential results again.

GO BACK AND START AGAIN...

Want to go back to the beginning and look up a medication or click directly on a diagnosis?

Click on **SMART Data** to return to the start screen. Do this at anytime during the workup to start over.
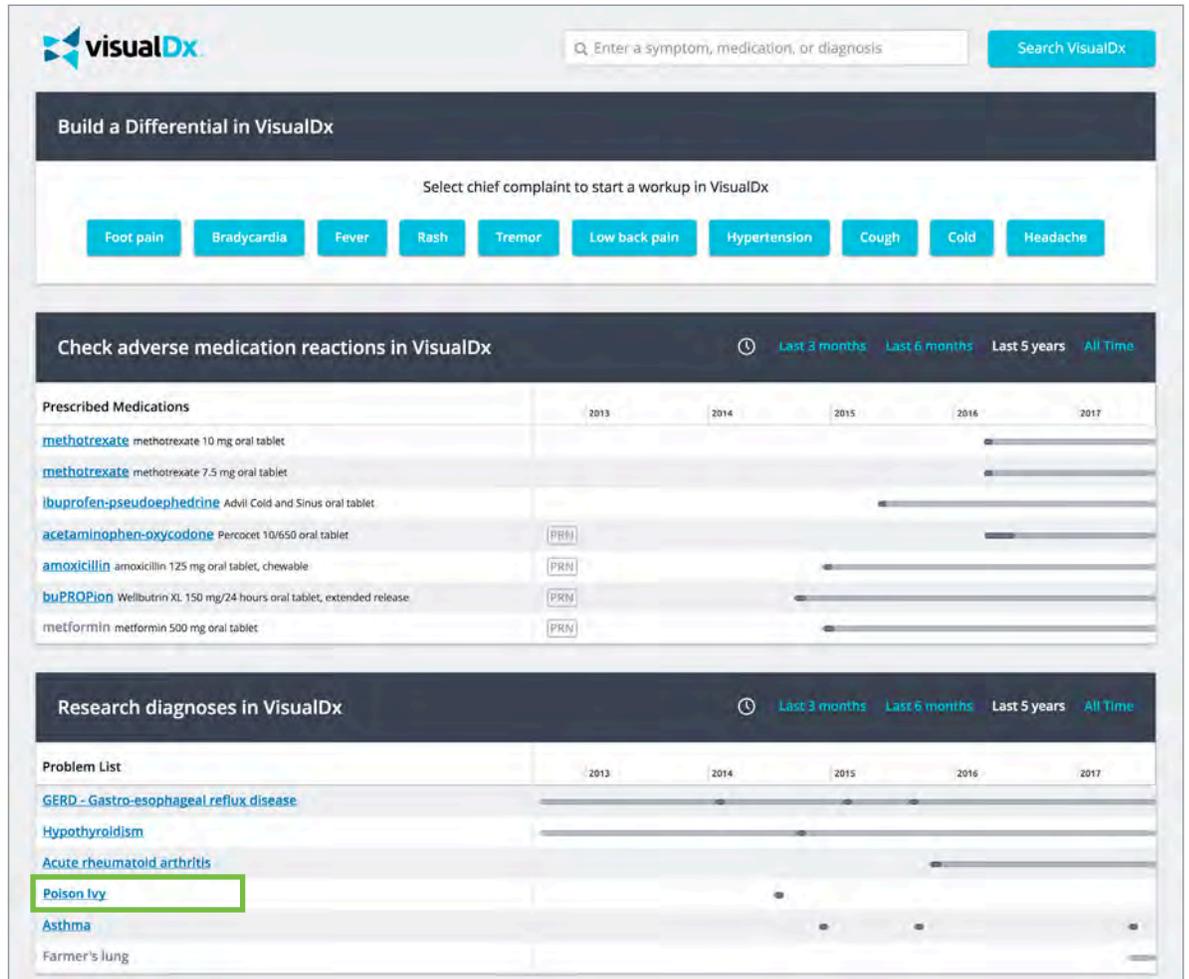
Research Diagnoses

STEP 1

Diagnoses from the patient record will be shown, even if VisualDx does not have related content.

Select a diagnosis link to begin the workup.

STEP 2

If there is more than one possible match for the diagnosis in VisualDx, clinicians will be shown all possible matches. (If only one topic is available you will skip right to Step 4.)

In this case, **click Rubeola in VisualDx**.
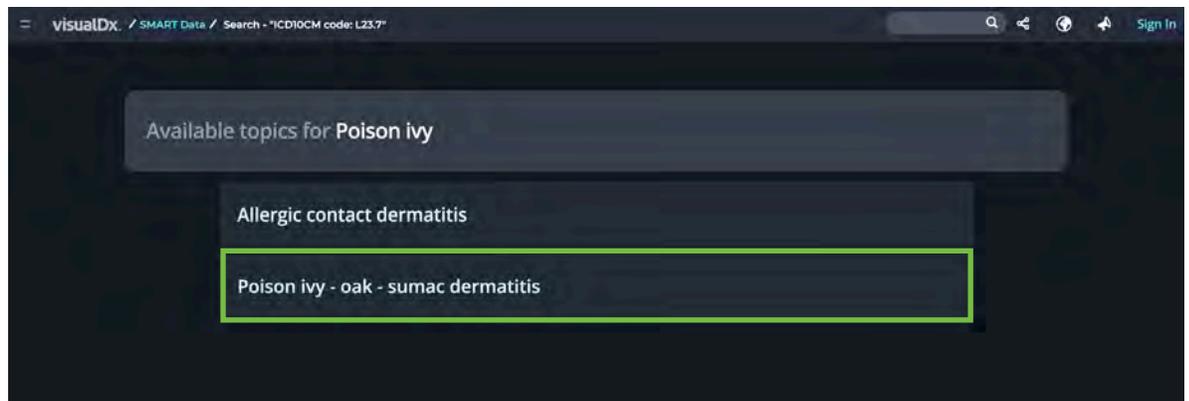
![visualDx logo]

Research Diagnoses

STEP 3

View clinical information, including a synopsis, what to look for, best tests, therapy, and more.

To see images for the diagnosis, **click View all Images**.

STEP 4

View the images. Filter the images by skin type, body location, and image type.

Click on any image to see a larger version.

GO BACK AND START AGAIN...

Want to go back to the beginning and look up a medication or click directly on a diagnosis?

Click on **SMART Data** to return to the start screen. Do this at anytime during the workup to start over.