

Patient Name: Eric CLEESE

Age: 73.

DoB: 23-Aug-1941

Health# 9044 432 321

PHP Summary Medications Labs Documents More

Add New Medication

Review Not Taking

PANTOPRAZOLE SODIUM - *Discrepancy*

Review

Taking Not Taking

ZOPICLONE - tablet - DOSE 5mg - oral - one tablet 20 minutes before bedtime

Change

Save Share Cancel

Un-Reconciled Medications List

The initial screen of the medication reconciliation tool displays a list of medications that require confirmation or have discrepancies identified. Rather than displaying medications lists side by side, the synthesized visual mockup allows for multiple sources of information (in case an EMR medication list is integrated in the future, for example), highlighting those medications that contain discrepancies. This design also ensures that users confirm medications that do not contain discrepancies each time they reconcile their medications to ensure that medication information is current and that medication is active, as identified by 2 lead users.

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New Medication:

Medication:

Dose Route Frequency

Prescriber:

Pharmacy:

- Not Taking ▼
PANTOPRAZOLE SODIUM - *Discrepancy*
 ▼
- Taking Not Taking ▼
ZOPICLONE - tablet - DOSE 5mg - oral - one tablet 20 minutes before bedtime
 ▼

Add New Medication

All lead users requested the functionality to easily add new non-prescription medications to the list when reconciling medications. Users can add new medications (supplements or over-the-counter medications) directly using the interface of the medication reconciliation tool.

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Add New Medication



ATORVASTATIN - tablet - DOSE 10mg - oral - one tablet every evening

Change ▾

Review

Not Taking



PANTOPRAZOLE SODIUM - *Discrepancy*

Review ▾

Taking

Not Taking



ZOPICLONE - tablet - DOSE 5mg - oral - one tablet 20 minutes before bedtime

Change ▾

Save

Share

Cancel

New Medication Added

Adding a new medication confirms the medication automatically ensuring that it is added to the reconciled medications list.

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Add New Medication



ATORVASTATIN - tablet - DOSE 10mg - oral - one tablet every evening

Change

Taking

Not Taking



PANTOPRAZOLE SODIUM - Discrepancy

Close

- PHP: PANTOPRAZOLE SODIUM - tablet - DOSE 10mg - oral - one tablet once per day
- Dr. Jones: PANTOPRAZOLE SODIUM - tablet - DOSE 10mg - oral - one tablet twice a day
- Alberta PIN: PANTOPRAZOLE SODIUM - tablet - DOSE 20mg - oral - one tablet once per day
- Custom: PANTOPRAZOLE SODIUM - tablet

Taking

Not Taking



ZOPICLONE - tablet - DOSE 5mg - oral - one tablet 20 minutes before bedtime

Change

Save

Share

Cancel

Review Medication Discrepancy

In situations where medication entries from different sources contain one or more discrepancies, users can expand the entry and view a list of all associated medication entries from various sources or in situations where duplicates exist within the same source. As identified by 2 of the 3 lead users, the medication reconciliation tool should allow users to include and edit medications as well as easily resolve medication conflicts when presented with several entries of the same medication containing different information from different sources. Users can select the current entry, add custom entry, or archive the medication completely using the "Not Taking" button.

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Add New Medication



ATORVASTATIN - tablet - **DOSE 10mg** - oral - one tablet every evening

Change ▾



PANTOPRAZOLE SODIUM - tablet - **DOSE 20mg** - oral - one tablet once per day

Change ▾

Taking

Not Taking



ZOPICLONE - tablet - **DOSE 5mg** - oral - one tablet 20 minutes before bedtime

Change ▾

Save

Share

Cancel

Medication Discrepancy Resolved

Once users select the correct medication entry, the system automatically adds that entry to the list of reconciled medications and discards all other entries. At any point in the process, the user can individually “Change” an individual medication. This will re-open the medication discrepancy box and allow the user to review the options, select an alternate, or adjust the instructions.

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Add New Medication



ATORVASTATIN - tablet - **DOSE 10mg** - oral - one tablet every evening

Change ▼



PANTOPRAZOLE SODIUM - tablet - **DOSE 20mg** - oral - one tablet once per day

Change ▼



ZOPICLONE - tablet - **DOSE 5mg** - oral - one tablet 20 minutes before bedtime

Change ▼

Save

Share

Cancel

Discontinuing / Archiving Medication

All lead users identified the need to easily archive a discontinued medication. Users can easily indicate that a certain medication is not being taken anymore by clicking the “Not Taking” button.

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Add New Medication

- ✔ ATORVASTATIN - tablet - **DOSE 10mg** - oral - one tablet every evening Change ▾
- ✔ PANTOPRAZOLE SODIUM - tablet - **DOSE 20mg** - oral - one tablet once per day Change ▾
- ✘ ZOPICLONE - tablet - **DOSE 5mg** - oral - one tablet 20 minutes before bedtime Change ▾

Share with these providers

- Dr. Jones
- Phil Pharmacist
- Ruth Norrie, RN
- Dr. Hart

Add New Provider
OK
Share
Cancel

Sharing Reconciled Medications List

All three lead users identified the need to be able to easily share their reconciled medications list with their healthcare providers in their circle of care. Whether by printing a hard copy or sharing the list via an EMR, users can easily choose with whom to share the entire reconciled medications list from existing PHR contacts or add a new contact to the list.

In our design sessions, we recommended that the entire current medication list be shared as a unit. This is for safety reasons. A best possible medication list should be seen as a unit. Sharing only individual medications may lead to future discrepancies and errors.