

Physician Notification Overview

History

The inpatient physician notification software was developed to address a number of common inpatient challenges, including prompt renewal of expiring medications and restraints, effective management of Foley catheters and central lines, and non-disruptive communication to the provider

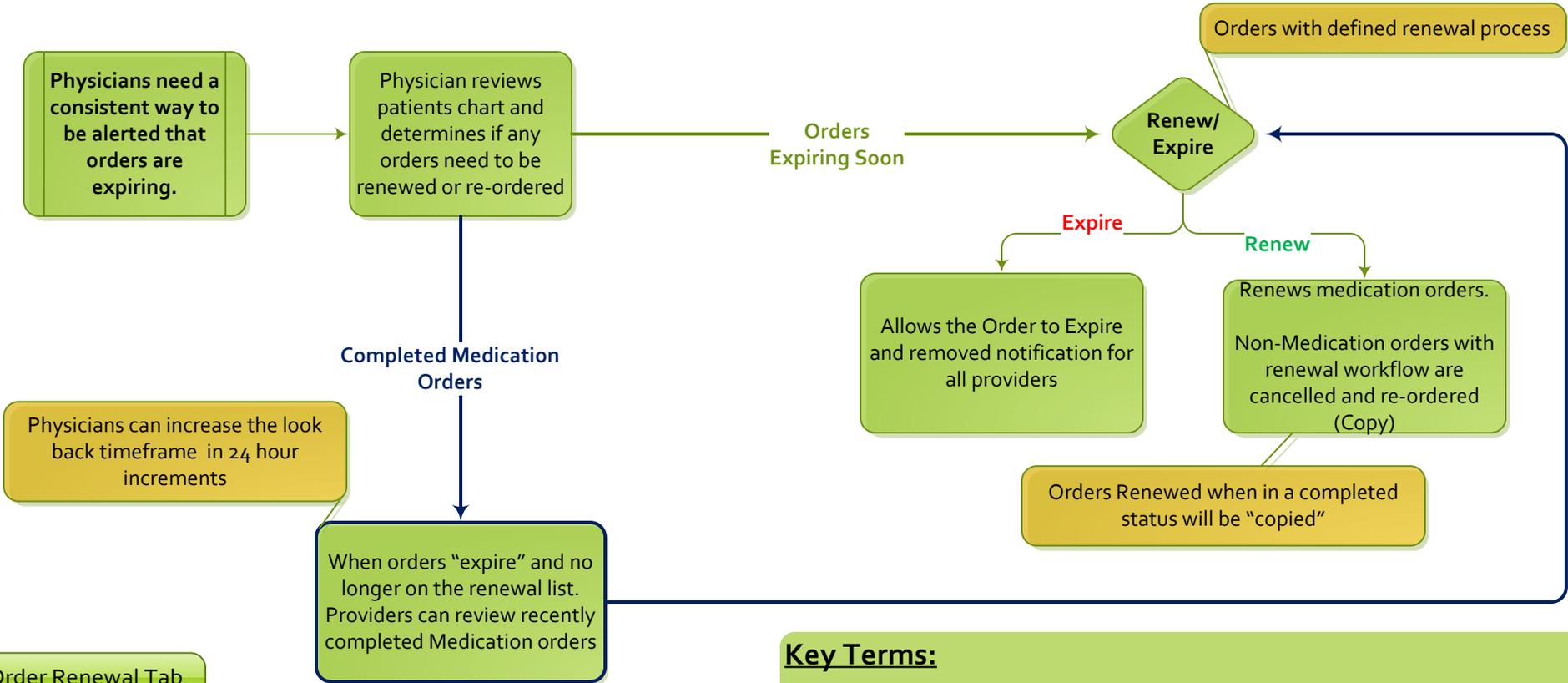
Overview/Design

- Designed to integrate seamlessly with a provider's workflow and to use the minimum number of clicks possible.
- Education has been embedded in the tool by means of hover functionality to decrease the time in a classroom
- Visible from the Inpatient Summary mPage and consists of 3 tabs:
 - Order Renewal
 - Quality
 - Communication
- The number of items in each tab is shown in parenthesis.
- Component will automatically open to the tab containing information

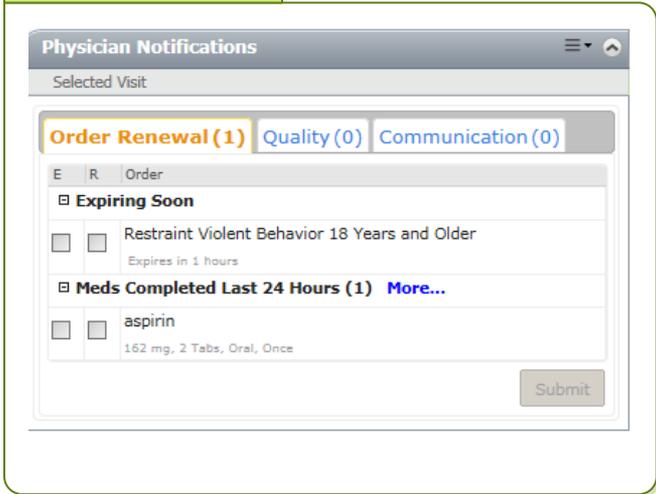
The screenshot shows a web application window titled "Physician Notifications". At the top, there is a "Selected Visit" field. Below this, there are three tabs: "Order Renewal (2)", "Quality (2)", and "Communication (3)". The "Order Renewal (2)" tab is currently selected. Underneath the tabs, there is a table with columns "E", "R", and "Order". The table is divided into two sections: "Expiring Soon" and "Meds Completed Last 24 Hours (0) More...". The "Expiring Soon" section contains two rows of medication orders, each with checkboxes in the "E" and "R" columns. The first row is for "Restraint Nonviolent" which expires in 7 hours. The second row is for "albumin human (albumin human 5% intravenous solution)" with a quantity of 25 gm, 500 mL, IV Piggyback, q6H Interval, and expires in 17 hours. A "Submit" button is located at the bottom right of the interface.

E	R	Order
<input type="checkbox"/>	<input type="checkbox"/>	Restraint Nonviolent Expires in 7 hours
<input type="checkbox"/>	<input type="checkbox"/>	albumin human (albumin human 5% intravenous solution) 25 gm, 500 mL, IV Piggyback, q6H Interval Expires in 17 hours

Physician Notification mPage Component: Order Renewal



Order Renewal Tab



Key Terms:

Orders Expiring Soon

- Standard
- Default of Orders set to expire by midnight of the next day (Medications)
- Single order with clinical relevance
- Example: Nutritional Supplements at the half life of the order
- **Custom Coding**
- **Single order with a defined threshold**
- Example: Non-Violent Restraints at 18 hours before Discontinue

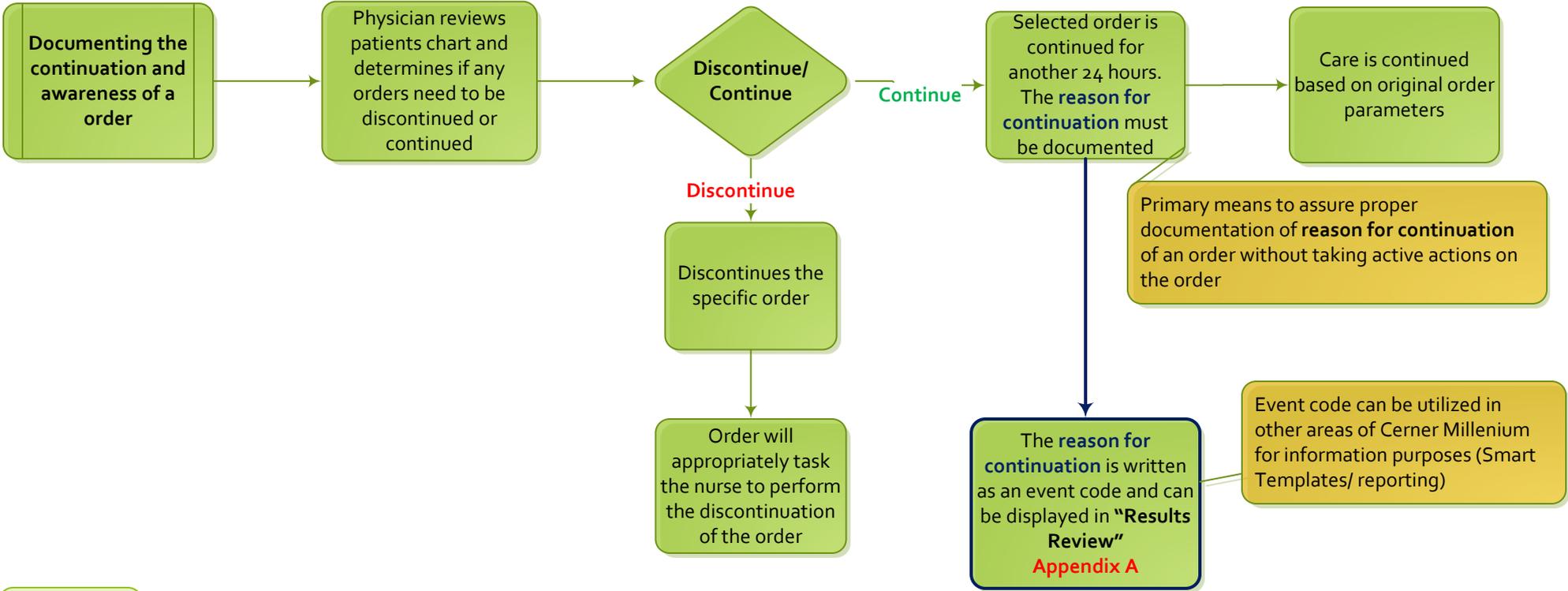
Completed Medication Orders

- Orders that have been completed by the "System" or administration process.

Defined Renewal Process

- Orders with a system generated duration and have clinical need to be renewed prior to the order expiring

Physician Notification mPage Component: Quality



Quality Tab

D	C	Type
<input type="checkbox"/>	<input type="checkbox"/>	Urinary Catheter (Day 1)
<input type="checkbox"/>	<input type="checkbox"/>	Central Venous Line (Day 1)

Key Processes:

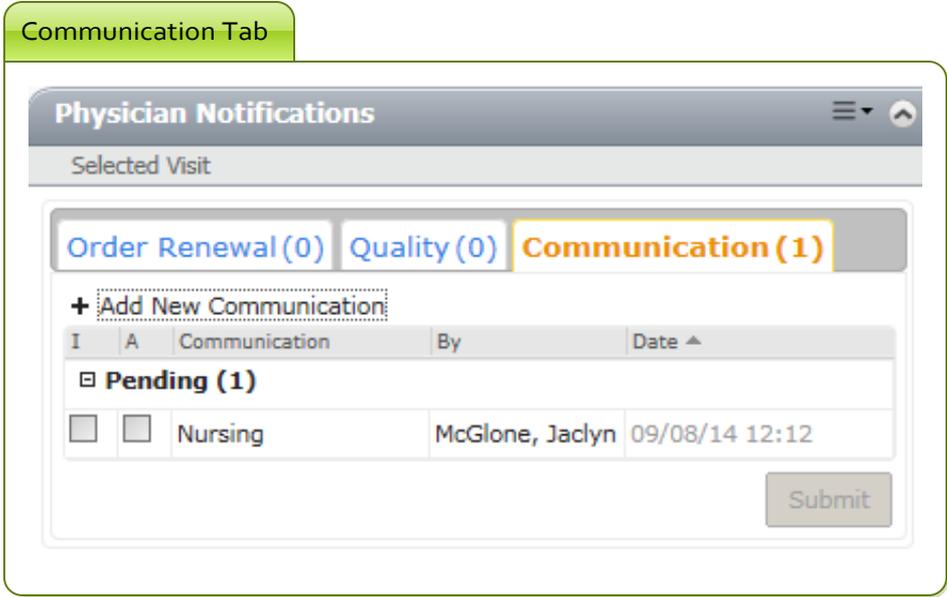
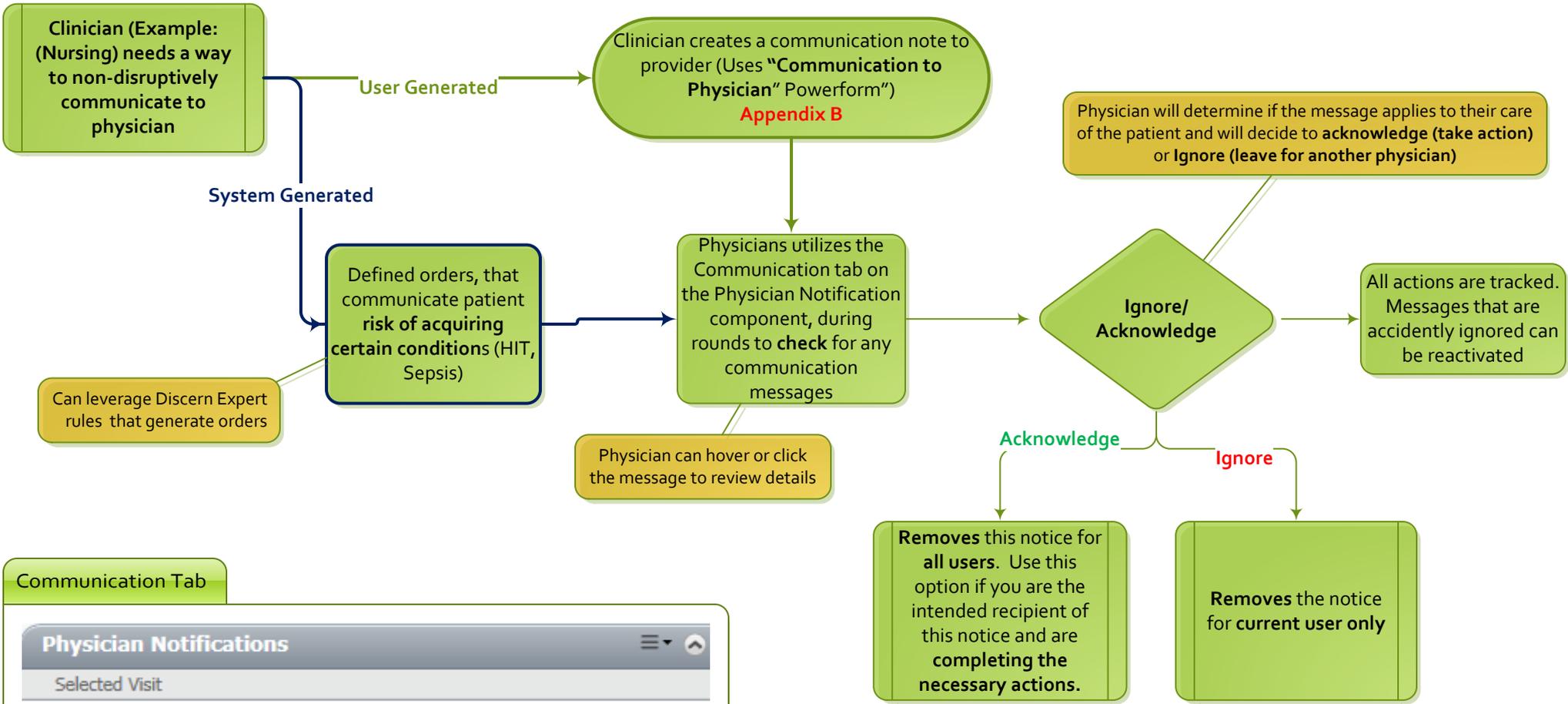
Urinary Catheter

- Order populates the component after 24 hours of being inserted
- Requires a continuation reason for another 24 hours
 - Reason to continue is pulled forward for subsequent days , but can be changed as needed by selecting from drop down list

Central Line

- Order populates the component after 24 hours of being inserted
- Requires a continuation reason for another 24 hours
 - Reason to continue is pulled forward for subsequent days , but can be changed as needed by selecting from drop down list

Physician Notification mPage Component: Communication with Providers



Message Center

Challenges

- Communications must be sent to a specific provider.
- Nursing & Ancillary Staff may not know which provider will be rounding on the patient on any day (especially weekend/Holidays). This makes it challenging to route the communication to the correct providers' message center

Solutions

- Utilize patient-centric communication
- Message is tied to the patient and is available to whichever provider rounds on the patient that day

Physician Notification mPage Component: Quality

Appendix A

Results Review/FlowSheet

Results Review

Recent Results Vital Signs Laboratory Pathology Report View Clinical Info Imaging **Core Measure Data** Delivery Record

Flowsheet: Core Measure Data ... Level: Core Measure Data Table Group List

07 September 2014 9:34 EDT - 11 Septemb

Navigator

- Stroke (STK)
- Documented Indications

Show more results

Core Measure Data	9/8/2014 14:21 EDT	9/8/2014 15:51 EDT	9/10/2014 9:34 EDT
Stroke (STK)			
STK Antithrombotic by End Day 2	No	No	
Documented Indications			
Indications for Maintaining Urinary Cath			* Strict I&O

Physician Notification mPage Component:
Communication with Providers

Appendix B

Communication to Physician Powerform

Communication to Physician - TEST2, PATIENT2

*Performed on: 09/08/2014 1225 EDT By: McGlone, Jaclyn

Communication to Physician

Physician Communication Type

- Nursing
- Pharmacy
- Respiratory
- Case Management
- Clinical Nutrition
- Imaging Services
- Occupational Therapy
- Physical Therapy
- Social Services
- Speech Therapy
- Quality Review
- Physician
- Other:

Physician Communication Note

Segoe UI 9

In Progress