

PatientTouch® Care Interventions Module User Guide v4.7

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Care Interventions Overview

Care Interventions Module

Overview

The Care Interventions Module provides caregivers with intervention execution guidance and allows them to collect patient vital signs, conduct assessments, and document patient care activity at the bedside with enhanced safety and efficiency. Data is documented in a configurable flowsheet and is available for interfacing with outside systems.

Care Interventions are configured using the Clinical Manager Intervention/Prompt Setup folder. Refer to the *Clinical Manager Configuration User Guide* for more information on prompt and intervention setup. Caregivers execute Care Interventions from the **Care** tab in the *Patient Context* on the PatientTouch handheld device. They may also document Care Interventions in the Clinical Manager.

The PatientTouch System can be configured two different ways for Care Interventions: Available or Scheduled. When the system is configured for Available only, caregivers choose when to document based on patient need. When the system has Scheduled Interventions enabled, additional features are included. Patients can have both available (as needed) interventions and ones with specific scheduled times. Schedules can be configured based on unit/facility needs and practices. Caregivers also have the ability to order and discontinue interventions for patients. Caregivers will see the scheduled interventions in their To Do list with the option to receive due/late reminders.

The following are examples of interventions that can be configured in the system:

- Vitals Collection record data when collecting vital signs and document intake and output.
- Assessments caregivers can be guided through clinical assessments, such as the Morse Fall Risk Assessment and the Braden Pressure Ulcer Risk Assessment, calculating assessment results where appropriate and documenting assessment results immediately.
- Care Procedures receive procedural guidance on the iPhone device, with seamless documentation of compliance.
- Care and Patient Activity Documentation quickly and easily document patient status and task completion, such as hourly rounds.
- Medication Follow-Ups The facility can define the information that should be obtained after a medication is administered.

Professional Responsibility

The PatientTouch System when used as outlined in the user guides and training documentation can help prevent serious intervention collection errors. The PatientTouch System should always be used in conjunction with the caregiver's professional clinical judgment and is not a substitute for this. If the PatientTouch System is used in a manner outside of these parameters the potential for an intervention collection error can increase. Examples of system misuse include ignoring system



warnings or failing to positively identify the patient. These examples are for illustration only and are not intended to be a complete list.

Executing a Care Intervention on PatientTouch

Executing a care intervention launches a series of prompts for caregiver response. All interventions use a common set of data entry and workflow controls. The following workflow options are available during intervention execution:

Cancel: Cancel the operation

Accept: Accept the operation

Input Panel: Allows data entry

LastValue Allows you to select the last value documented for this intervention

Skip: Allows you to skip the question without answering

Dismiss: Dismisses the input panel

Initiates collection of all questions in an intervention instead of the user select-

Collect All: ing each individual question. If configured to do so, some questions can be

skipped.

Begin Collection Initiates collection of all questions in an intervention in which no questions

can be skipped

In order to initiate a care intervention, the caregiver must scan the patient's wristband and select the **Care** tab in the *Patient Context*. The *Care Interventions* screen will then be visible. Be sure to review the patient's information and follow hospital policy to positively identify the patient.

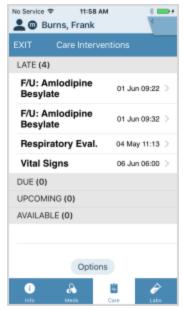


Collect All/Last Value Workflow

All Care Interventions display under the Care tab.



To access an intervention, touch the Care tab.



The Care Interventions screen displays interventions currently available for execution. These Interventions are configured in the the instructions below on how to Clinical Manager.

Touch Vital Signs.



If your facility is enabled, the last collected values may already display for this intervention. Read document the last value for subsequent collections.

Touch Collect All.









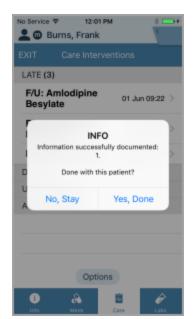
screen (98.5 in this example).

You can touch Use Last Value to document this Temperature reading as the current value.

Or you can select a different value, if it applies, and touch Accept.

The last collected value displays in After answering all of the prompts, The confirmed intervention the upper right hand corner of the the final Vital Signs screen displays displays in the Confirmed section. the results. Notice some of the values were collected using the Use Last Value option.

Touch Confirm.



Scan your badge to document the care intervention and save it to the system database. The results are then available for mView,



Flowsheet display, and potentially for interfacing to other hospital systems. All values selected with the **Use Last Value** option will display on mView and Flowsheets as the new value with the current date/time.

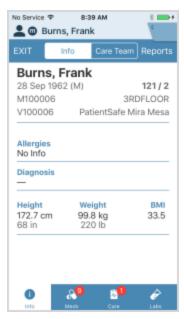
Touch Yes, Done.

Documenting a Multi-Component Intervention

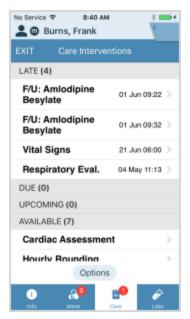
When you are documenting a long, multi-component intervention, before you confirm, you return to the place in the application where you left off, instead of returning to the top of the list. If you are documenting a nested multi-component intervention, you return to the previous level of the intervention at the point of entry.

Let's look at an example of a regular multi-component intervention. Then, we'll look at an example of a nested multi-component intervention.

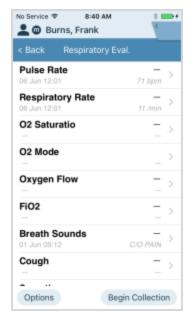
Multi-Component Intervention





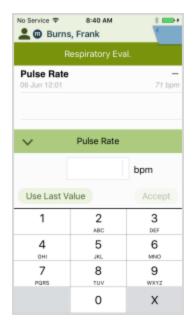


Touch Respiratory Eval.



Touch Begin Collection.





Collect the values of all of the components beginning with Pulse Rate...



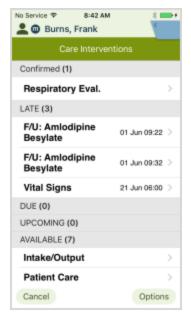
...and Ending with Med/Equip Ed.

For the purposes of this example, we just included screen captures of the beginning and end components.



You return to the place in the application where you left off; not at the top of the list (Pulse Rate).

Touch Confirm.



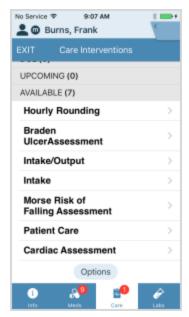
Scan your badge to document the intervention.



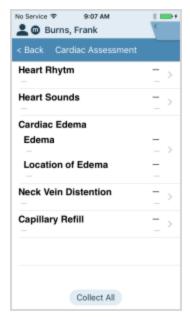
Nested Multi-Component Intervention



Touch the Care tab.

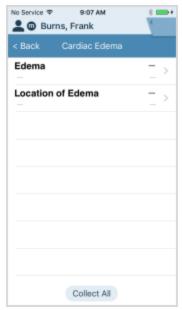


Touch Cardiac Assessment.

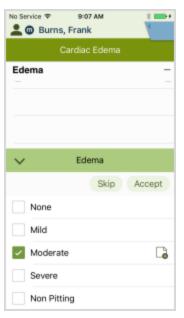


At this point, you can touch **Collect All**, which will take you through all of the components of the intervention. Or you can touch a specific part of the intervention, for example Cardiac Edema, to document only that section.

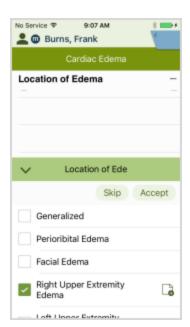
For this example, touch **Cardiac Edema.**



Touch Collect All.

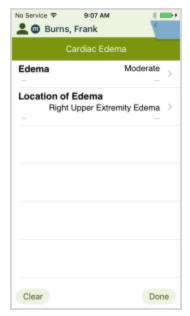


Select a value and touch **Accept**.

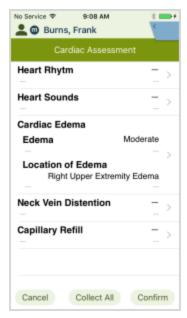


Select a value and touch Accept.



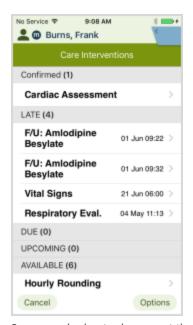






At this point, you can:

- Touch **Collect All** to collect the remaining components
- Touch the right arrow to collect another component
- Touch Confirm

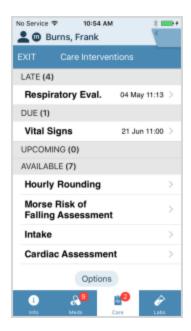


Scan your badge to document the intervention.

Scheduled Interventions

If the patient has a scheduled intervention, for example Rounds & Activity, it will display in the Upcoming category until the time at which it becomes due or late. Scheduled interventions need to be completed in a specific time frame.





Example Interventions

Some interventions and assessments will utilize a concept known as branching or conditional prompting. In these cases, questions will display to the user based on the response to a previous question.

The examples in this section illustrate five types of interventions. These may not all be applicable to your facility and your facility may also have interventions that are not included here.

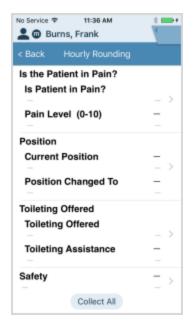
- 1. Hourly Rounding
- 2. Intake & Output
- 3. Patient Care
- 4. Morse Risk of Falling Assessment
- 5. Braden Ulcer Assessment

Hourly Rounding Intervention

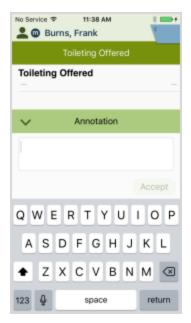
Below is an example of the Hourly Rounding Intervention. For some interventions, if configured in

Clinical Manager, caregivers can use free-text fields to enter specific information (indicated by the \Box 4 icon).



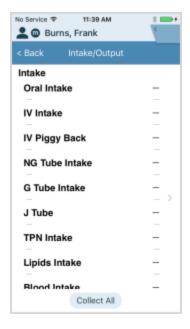






Intake & Output Intervention

A typical Intake & Output Intervention may include the following. This intake intervention uses a keypad for entering data. However, an intervention may contain different entry panels including keypad, response list, etc.

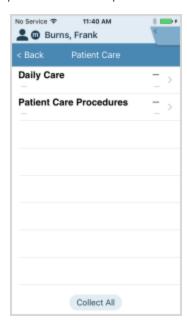


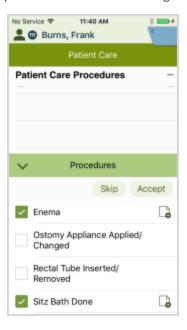




Patient Care Intervention

A typical Patient Care intervention may include information similar to the following. This intervention provides an example of a list of options from which the caregiver can make multiple selections.





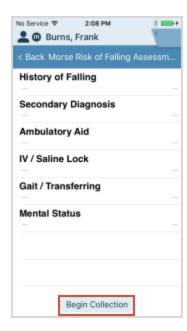
Morse Risk of Falling Assessment Intervention

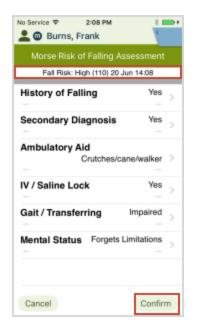
Assessments may perform calculations in order to determine things such as a patient's risk level for a condition (for example, falling or developing pressure ulcers). The calculation is driven by the values the caregiver enters. If the patient's risk for the condition is calculated as high, an icon indicating the risk is displayed under the patient's name on the Patient Info screen.

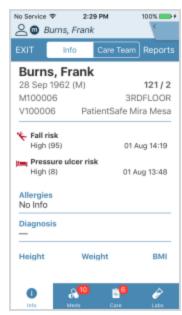


Assessments are among those interventions in which all questions require responses.



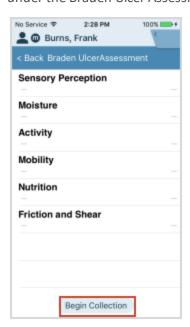


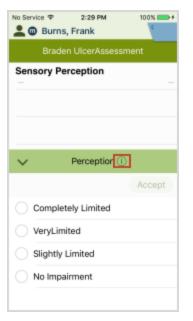


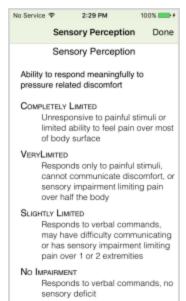


Braden Ulcer Assessment Intervention

Below is an example of the Braden Ulcer Assessment. Under the Sensory Perception question, you can select the **Clinical Definitions** icon to display further information that can guide you in responding to the intervention questions. The **Clinical Definitions** icon displays for all questions under the Braden Ulcer Assessment.







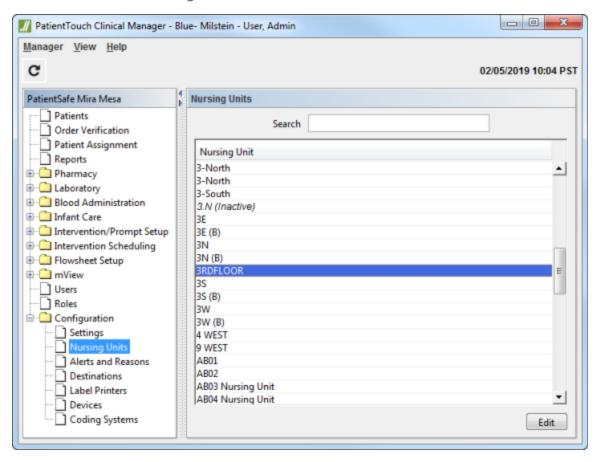
Nonscheduled Interventions



Some facilities may not have **Intervention Scheduling** enabled on their Clinical Manager. If this is the case at your hospital, use the instructions below to make interventions available to the caregivers by associating an intervention to a nursing unit. The intervention won't have a specific "due" time, it will display on PatientTouch as "Available."

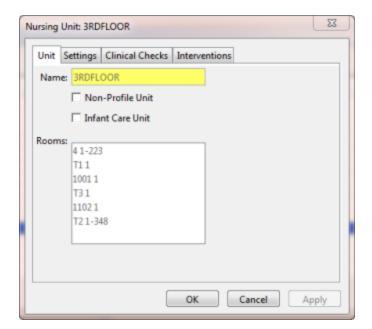
Making Interventions Available to the Caregiver

- 1. Select Configuration>Nursing Units.
- 2. Select the nursing unit for which you want to associate the intervention and click **Edit**, or just double-click the nursing unit.

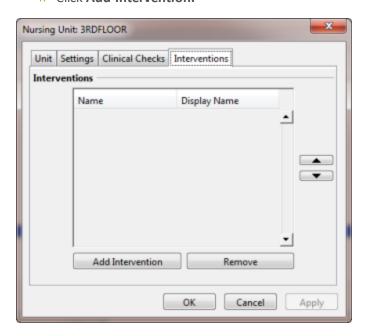


3. Click the Interventions tab.





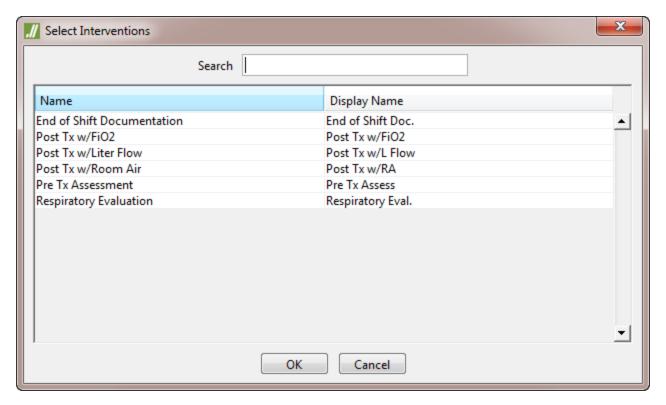
4. Click Add Intervention.



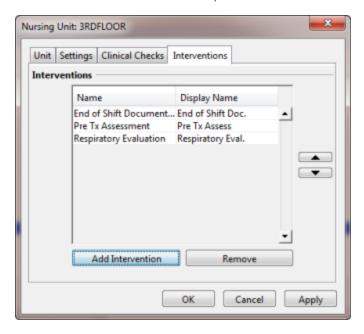
The list of interventions displays.

5. Select the intervention(s) you want to add to the nursing unit and click **OK**.





- 6. The order of the interventions displays on PatientTouch as listed on the **Interventions** tab. To change the order of the items in the list, use the up and down arrows on the right side of the window.
- 7. To remove an intervention, select it from the list and click **Remove**.





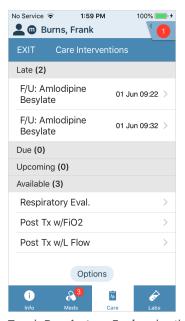
Documenting the Intervention on the Handheld

After you have made the intervention available to the nursing unit (refer to the previous lesson, "Making Interventions Available to the Caregiver"), it displays on the Care tab of all patients assigned to that unit. Then you can document the intervention using the handheld.

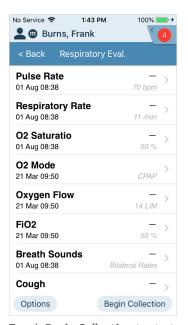
Let's look at an example.



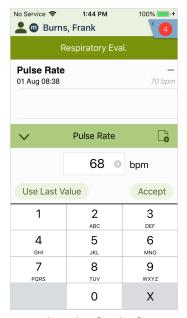
After you scan the patient wristband, touch the **Care** tab.



Touch **Respiratory Eval** under the Available interventions.



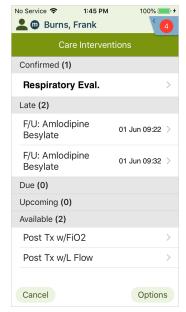
Touch **Begin Collection** to start collecting data.



Enter the value for the first prompt and touch **Accept**.



When you are done collecting, touch **Confirm**.



The intervention displays on the confirm screen.



Continue entering all values or select Use Last Value.

Scheduled Interventions

If your facility has **Intervention Scheduling** enabled on your Clinical Manager, follow the instructions below to order a patient specific intervention using the Clinical Manager.

Ordering a Patient Specific Intervention

Assigning a patient specific care intervention can only be done if you have the Intervention Scheduling Module enabled. Interventions must be "Orderable" in order to be selected and assigned to a specific patient.

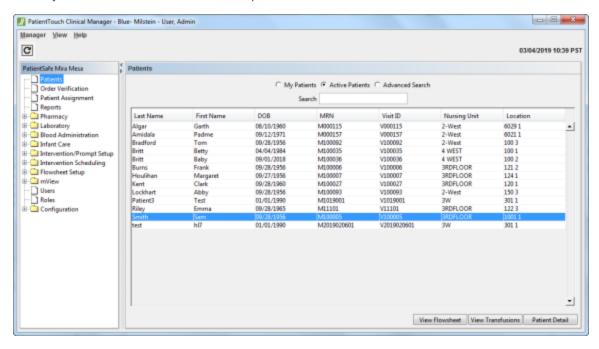
Orderable interventions require that only selected Care Roles order the intervention. So be certain you have the privileges to order a patient specific intervention before continuing.

Refer to the *Clinical Manager Configuration User Guide* for detailed information on making interventions "Orderable."

Patient Detail Screen

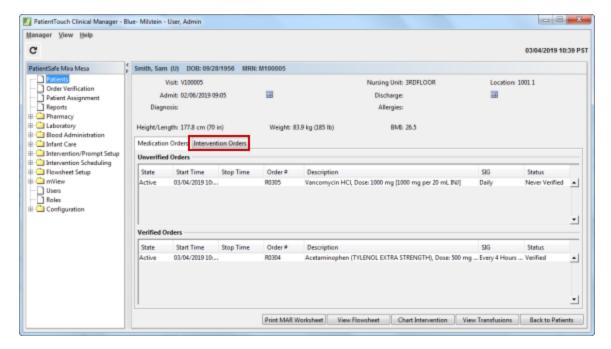
Caregivers can order a specific care intervention for a specific patient using the *Patient Detail* screen.

1. Select the patient from the list of Active Patients (or My Patients) and click **Patient Detail**. Or, just double-click the name of the patient.

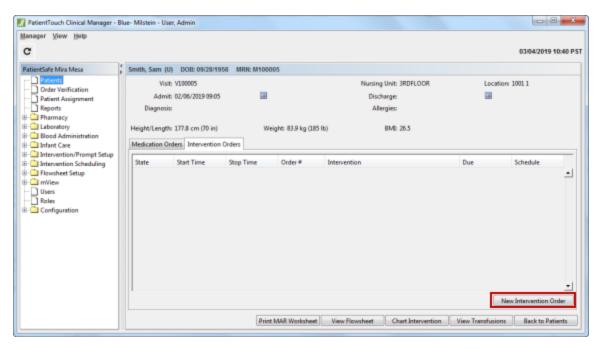


2. Click the **Intervention Orders** tab.



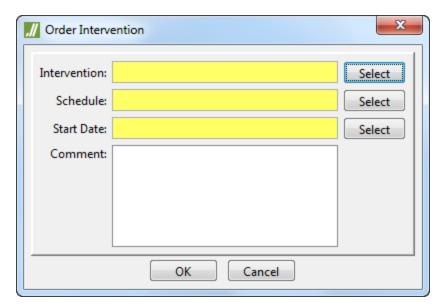


3. Click New Intervention Order.

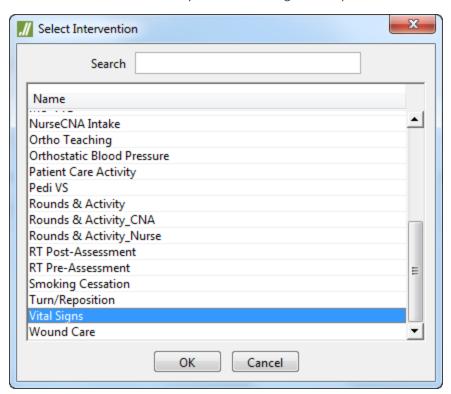


4. Click **Select** next to the Intervention field.



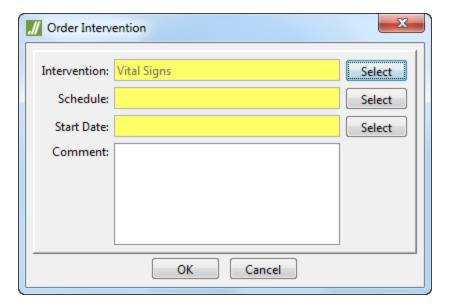


5. Select the intervention you want to assign to the patient and click **OK**.

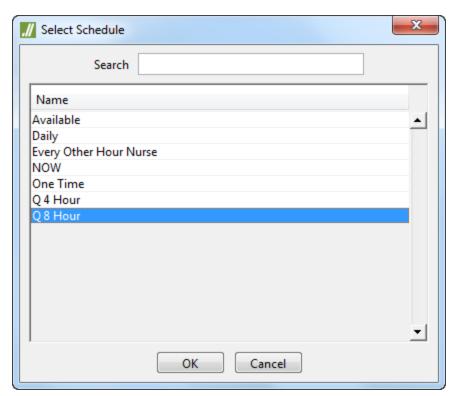


6. Click **Select** next to the Schedule field.



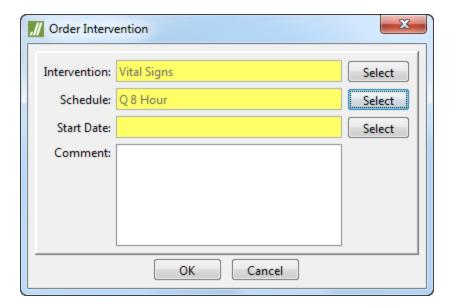


7. Select the schedule for the intervention and click **OK**.

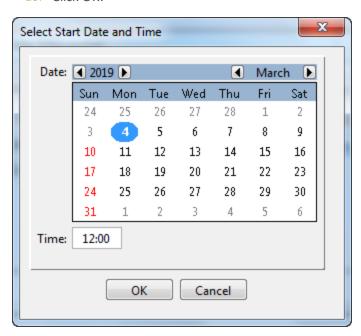


8. Click **Select** next to the Start Date field.



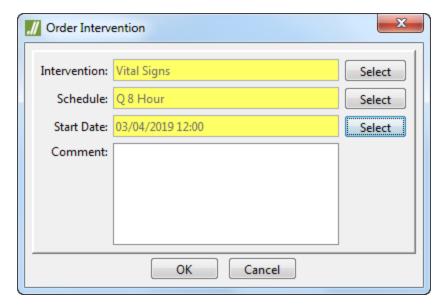


- 9. Select the start date and time.
- 10. Click OK.

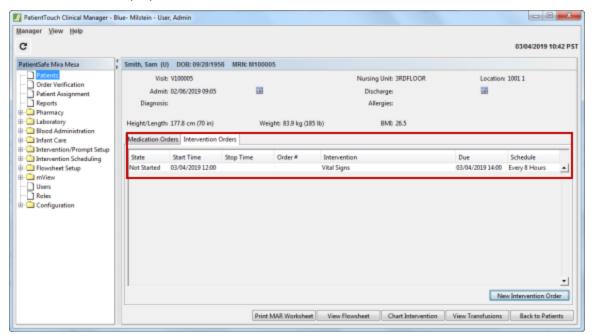


11. Click **OK** on the *Order Intervention* window.





The Vital Signs intervention now displays in the Patient Detail screen with a due date and time. This intervention also displays on the Care tab of the PatientTouch handheld.



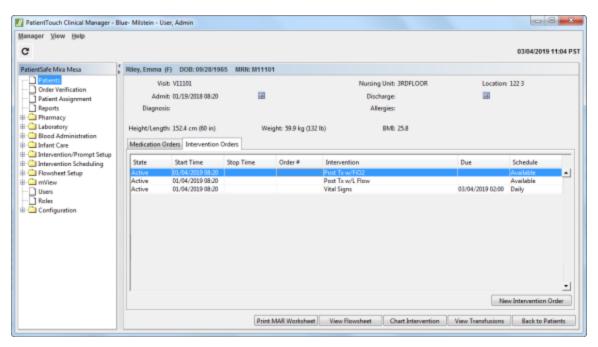
Discontinuing a Care Intervention

Refer to the Orderable Intervention section of the Clinical Manager to see which roles have the ability to discontinue an intervention.

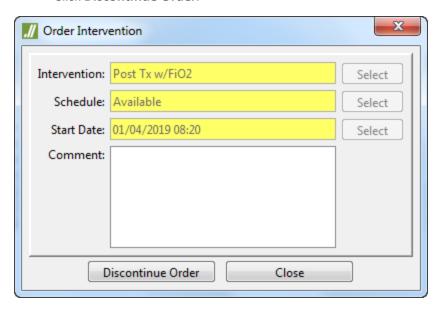
When you discontinue a care intervention, it no longer displays on PatientTouch. However, it will display in the Clinical Manager as "discontinued." If you have run a flowsheet against this intervention, the flowsheet information will continue to display on PatientTouch.



1. Double-click the intervention from the Patient Detail>Intervention Orders tab.

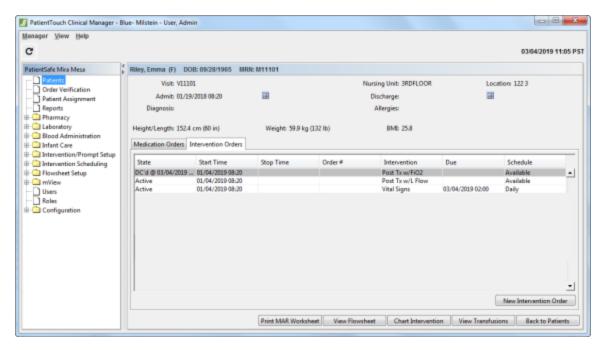


2. Click Discontinue Order.



3. The order displays with a state of "DC'd".





Documenting an Intervention from Patient Detail

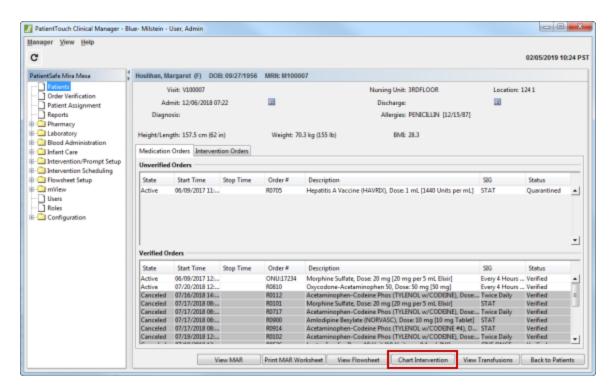
In order to document an intervention from the patient detail, you must have your role listed under Care Roles for Executing Intervention Order under Orderable Interventions of the Clinical Manager.

You can document an intervention from the patient detail screen, which is described below. Or, you can document an intervention from the patient flowsheet, which is described in the next section "Documenting an Intervention from the Patient Flowsheet."

Interventions must be "Orderable" in order to be selected and assigned to a specific patient. Refer to the Clinical Manager Configuration User Guide for detailed information on making interventions "Orderable." These instructions assume you have an intervention assigned to a patient or a unit the patient is on.

- 1. Select a patient from the **Patients** tab.
- 2. Click **Patient Detail** (or just double-click the patient's name).
- 3. Click Chart Intervention.





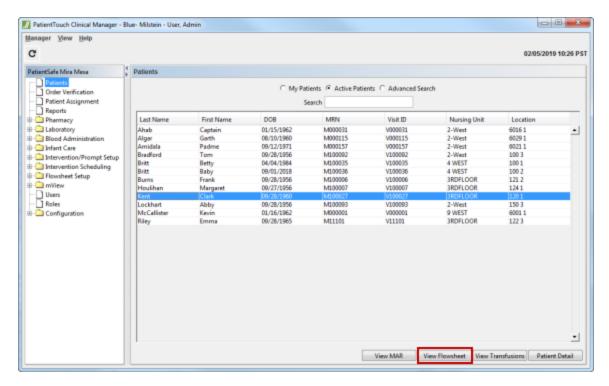
4. Follow the instructions in the next section on how to Document an Intervention from the Patient Flowsheet.

Documenting an Intervention from the Patient Flowsheet

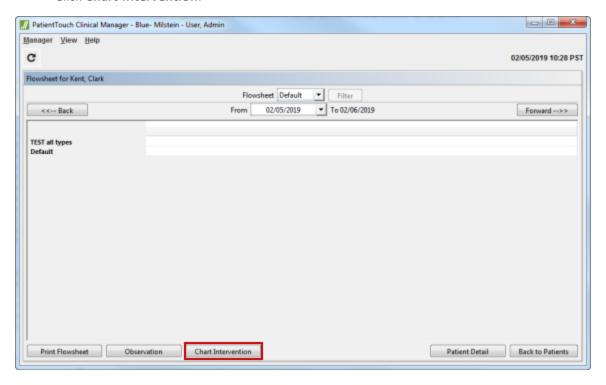
In order to document an intervention from the patient detail, you must have your role listed under Care Roles for Executing Intervention Order under Orderable Interventions of the Clinical Manager.

- 1. Select a patient from the **Patients** tab.
- 2. Click View Flowsheet.



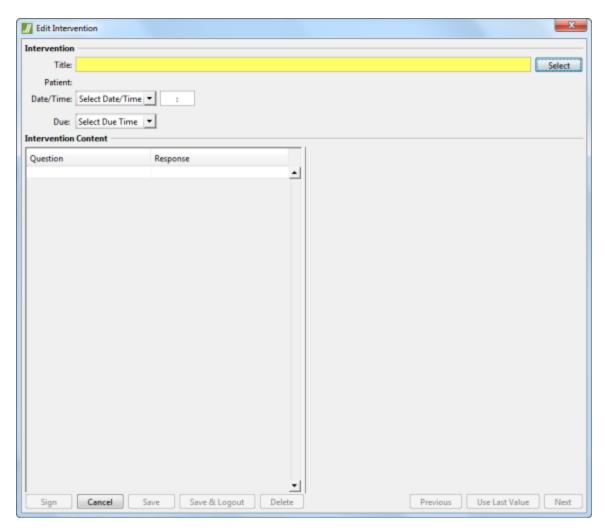


3. Click Chart Intervention.



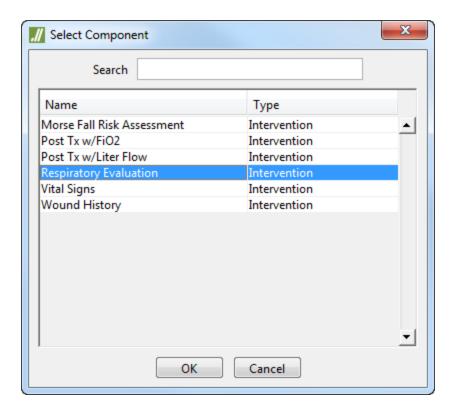
4. Click **Select** next to the Title field and select the intervention you want to document.





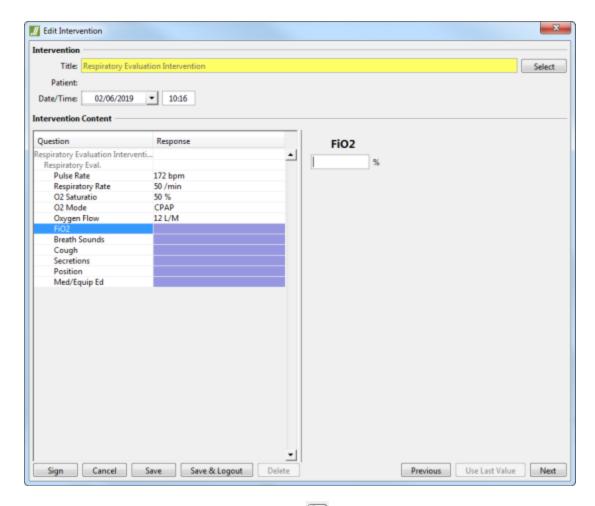
- 5. Only the interventions that have been assigned to the patient or unit the patient is on will display. In this example, we are selecting the Respiratory Evaluation.
- 6. Click OK.





7. The **Edit Intervention** window displays. The intervention components display on the left with required fields colored light purple. The color remains in the field until a value is entered. Select the appropriate response from the fields on the right and click **Next (F5 or Enter)**. Or, click **Use Last Value (F4)**.



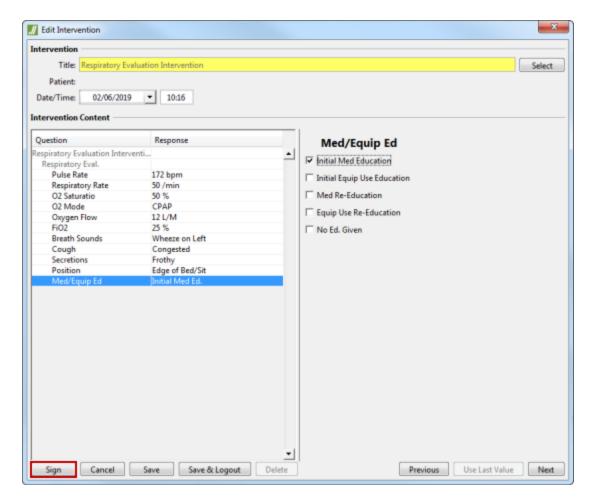




If a plus sign, or View User Text icon appears, enter any desired annotations. The annotations will appear on the flowsheet.

- 8. Click **Previous (F3 or Shift + Enter)** to return to the previous entry and make any adjustments as necessary. Your current entry will be saved.
- 9. If you need to stop documenting the intervention, click **Save** to save the intervention and remain in the Clinical Manager. The partially completed intervention is added to the unfinished interventions queue, however it is not documented to the patient flowsheet.
- 10. When you are ready to document the intervention, click Sign.





Intervention Options

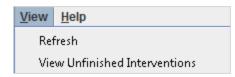
The table below provides descriptions of each of the buttons located on the Edit Intervention window.

Functionality	Description
Sign	Clicking Sign publishes user documentation to the patient flowsheet and closes the Edit Intervention window. Users will typically use this button when the intervention is complete.
Cancel	Clicking Cancel exits the Edit Intervention window without saving or publishing documentation.
Save	Clicking Save adds in progress documentation to the Unfinished Interventions worklist and does not publish documentation to the flowsheet or interfaced systems. The user remains in the System Manager and is not logged out.
Save & Logout	Clicking Save & Logout adds in progress documentation to the Unfinished Interventions worklist and does not publish documentation to the flowsheet or interfaced systems. The user logged out of System Manager. All saved interventions are accessible from the System Manager>Unfinished Queue.
Delete	Delete is available for saved and signed interventions. If the intervention is signed and published to the flowsheet, the user may delete the documention. However, the deleted documentation is struck through on the printed flowsheet report and the deletion is indicated by an asterisk (*) on the online flowsheet.
	If the intervention is saved, the user may delete the documentation and this will remove it from their Unfinished Interventions worklist and will not be published to the flowsheet or interfaced systems.



Accessing Unfinished Interventions

1. To access any unfinished interventions, click the View menu>View Unfinished Interventions.

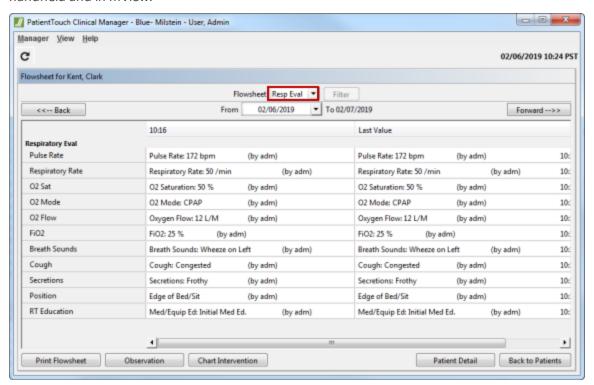




You can also log out and when you log back in you can select the intervention from the Unfinished Intervention queue.

Viewing Interventions from the Patient Flowsheet

Once you've completed the intervention and selected the appropriate flowsheet from the drop down menu, the intervention values automatically display. These values also display on the Care tab of the handheld and in mView.

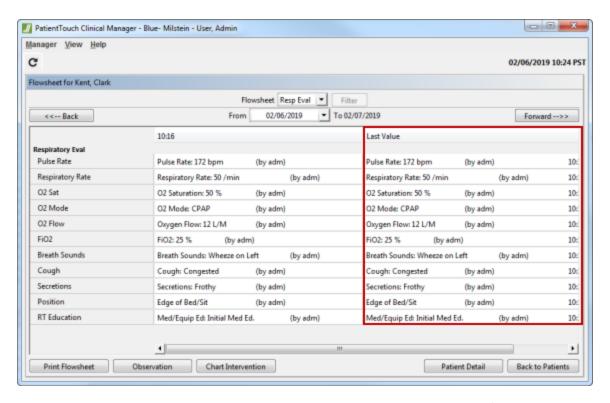


Editing Values

The values on the intervention may be edited or you can select **Use Last Value** to maintain the last documented value.

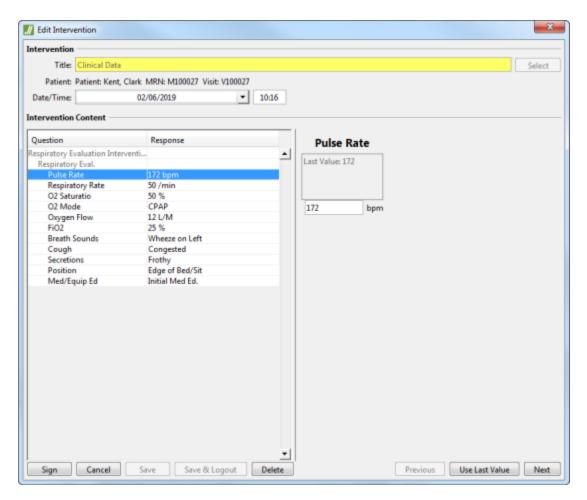
1. Click inside the box under Last Value on the flowsheet.





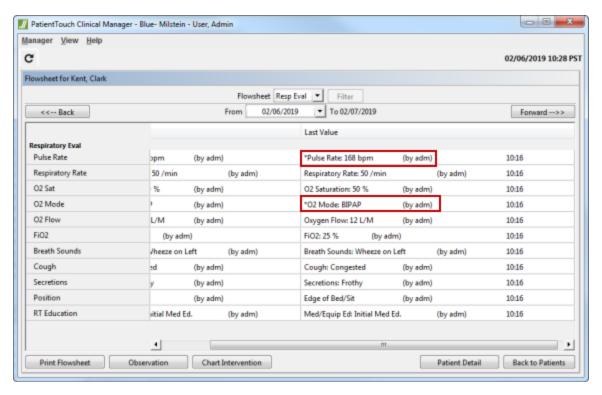
2. The Response column is pre-populated with the last documented values for this intervention.





- 3. You can select to choose the last value documented by clicking **Use Last Value**.
- 4. Or you can edit a value and click **Next**.
- 5. Complete the modification of the intervention values as necessary.
- 6. Click **Sign** on the *Edit Intervention* window when done.
- 7. The edited values are documented on the flowsheet below and designated with an asterisk (*).

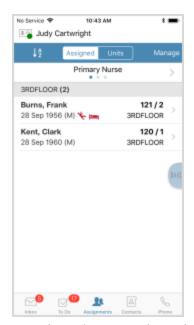




Ordering an Intervention on PatientTouch

To order an intervention using the handheld, you must have your role listed under Roles for Ordering Intervention under Orderable Interventions of the Clinical Manager.

Follow the instructions below to order an intervention:





From the **Assignments** tab, touch the patient name.

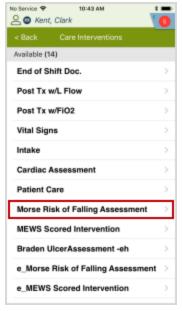
Touch the **Care** tab.

Touch Options.



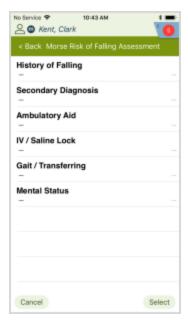


Touch Order Intervention.



A list of Available Interventions displays.

Select the intervention you want to order for the patient.

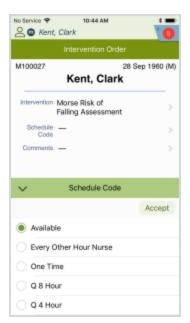


Touch Select.



The intervention displays on the *Intervention Order* screen.

Touch Continue.



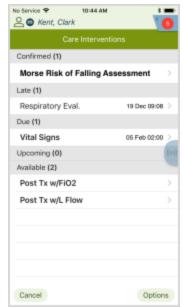
Select the desired schedule and touch **Accept**.



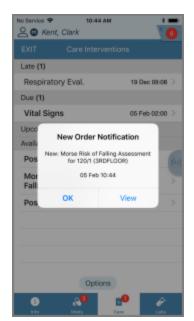
The Schedule displays on the *Intervention Order* screen.

Touch Confirm.









Touch OK or View.



the Care Interventions screen and is ready for completion.