

NaviCare[®]

Patient Safety

Quick Reference

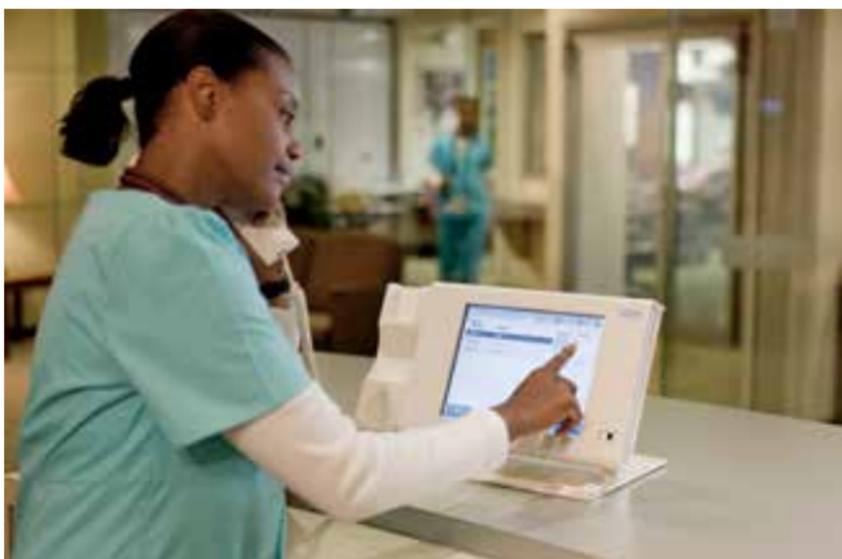


Enhancing outcomes for
patients and their caregivers:

Hill-Rom

Getting Ready for NaviCare® Patient Safety

Hill-Rom's NaviCare® Patient Safety application supports your patient safety initiatives by pairing VersaCare® Smart Beds with NaviCare® Nurse Call to deliver hands-free patient safety monitoring and alerting.



NaviCare® Nurse Call



VersaCare® Smart Bed*

NaviCare® Patient Safety Categories



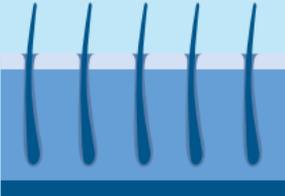
FALLS

Monitor bed position and bed exit alarm status for patients at risk of falls and receive notifications when non-compliant with hospital protocol.



PULMONARY

Monitor head-of-bed angle for patients at risk of pulmonary complications and receive notifications when head-of-bed angle is not in range.



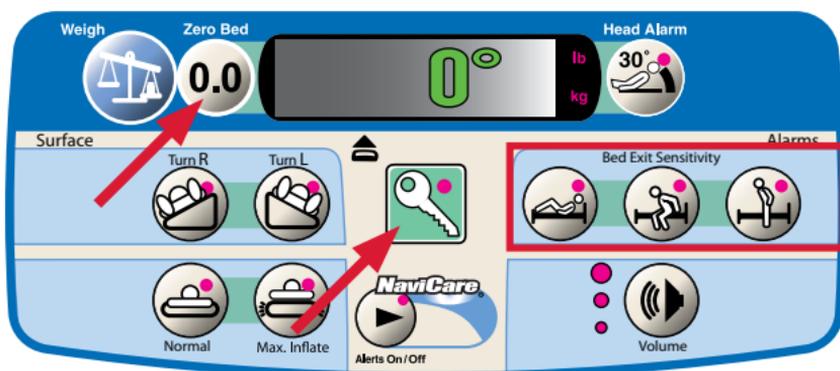
SKIN

Turn reminders for patients at risk of pressure ulcers automatically remind caregivers to turn patients at pre-defined intervals.

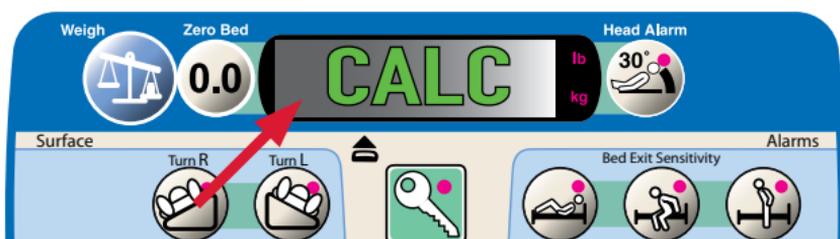
Before you Begin

1. Zero the bed scale. This must be done before the patient is in bed.
 - a. Ensure there is nothing on top of the bed except for preapproved linens.
 - b. Press and hold the KEY button.
 - c. Press and hold ZERO BED 0.0 until "0.0" is displayed on the screen.
 - d. DO NOT touch the bed until "CALC" stops flashing on the screen and the bed beeps.

NOTE: Instructions for weighing the patient are printed on the exterior of the top side bed rail.



2. Choose the desired bed exit sensitivity setting.
 - a. Press and hold KEY button.
 - b. Press desired BED EXIT SENSITIVITY button to select.



Five Steps to NaviCare®

Patient Safety – Falls

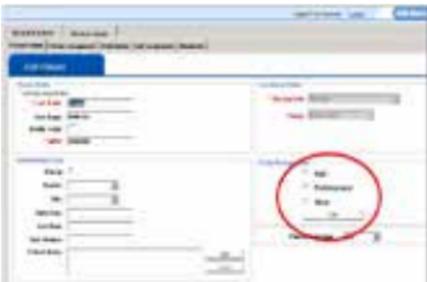
1. Patient Admission
2. Patient Arrival in Room
3. Patient Exits Bed
4. Caregiver Arrival in Room
5. Caregiver Exits Room

PATIENT ADMISSION

Assign patient risk by pulling it directly from the patient's electronic medical record.

1. Admit the patient and assess them for risk status.
2. Assign falls risk status in the EMR. The risk status will be automatically transferred to the NaviCare® application (integration required).

NOTE: The relevant risk indicator(s) may also be assigned in Smart Client or at the Smart Patient Station. (See instructions in following section.)



Smart Client



Smart Patient Station

3. Wireless notification is sent to the caregiver.
4. The status board displays the assigned protocol.
5. A dome light is illuminated outside of the patient's room to indicate their risk status.
6. For a falls risk, Bed Exit is turned on in the patient room – the alarm will not arm until the patient is detected in the bed and the caregiver exits the room.

PATIENT ARRIVAL IN ROOM

Activate safety settings on the bed based on patient presence and patient risk.

1. Place the patient in the bed and weigh the patient.

2. Weigh patient. Patient weight can only be obtained after bed zeroed and before NPS initiated.



a. Ensure the bed has been ZEROED. (If not marked somewhere on bed, ask staff.)

b. Place the patient in the center of the bed – align the patient’s hips with the HIP INDICATOR.

c. Press the SCALE button to weigh the patient.

OR

c. Go to the Smart Patient Station and press MANAGE BED.

d. Press the WEIGH PATIENT button. The date and time of weight will be saved and displayed on the screen.

3. For a skin risk patient, Patient Position Maneuvering (PPM) will default to the moderately sensitive Bed Exit Sensitivity setting.

4. For a falls risk patient, once the patient is detected in the bed, the bed exit alarm will automatically arm itself and a green light at the foot of the bed will illuminate.

5. The dome light outside of the patient room will illuminate to indicate the patient is a safety risk.

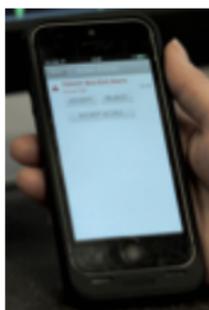
NOTE: Dome lights will illuminate according to hospital-selected configuration for indicating each risk category and which risk categories have been assigned.

NOTE: Remind staff to educate ancillary staff, family, and visitors to NOT sit on the bed while the patient isn't in the bed. The bed is designed to detect weight and assume it is the patient. Therefore, any person who is not the patient who sits on the bed will cause the bed to rearm itself and issue bed exit alarms as if the patient is in the bed.

PATIENT EXITS BED

Alert caregivers when the bed is in a state that is unsafe for a patient of a given risk category.

1. Patient exits, or attempts to exit, their bed.
2. The bed exit alarm annunciates from bed.
3. The bed exit alarm annunciates through the nurse call station.
4. The assigned caregiver receives the bed exit alert on their wireless phone.
5. Status board displays the alert.



CAREGIVER ARRIVAL IN ROOM

Automatically cancel and suppress alerts based on caregiver presence in the patient room.**

1. The caregiver arrives and is detected in the room via their staff badge.
2. The bed alarm is silenced automatically.

3. The nurse call alarm is silenced automatically.
4. The bed exit call clears from the status board.
5. Caregiver presence is displayed via the status board and dome light.



CAREGIVER EXITS ROOM

Alarms automatically reset when the caregiver leaves the patient room.**

1. The patient is placed back in their bed.
2. The bed detects the patient's presence.
3. The falls protocol is activated automatically.
4. The bed exit alert is engaged automatically once the caregiver exits the room.

NOTE: The caregiver rounding reminder is reset and a round is logged.



System Settings when Assigning Risk

Once a patient is assigned a risk category, the NaviCare® Nurse Call system will automate alerts to caregivers based upon user defined “safe state” settings related to the bed.

FALLS RISK

Bed status settings for a falls risk patient:

- Number of side rails up
- Bed exit alarm on
- Brakes set to on
- Bed in the lowest position

Automated alert settings for a falls risk patient:

- Automatically sets the bed exit alert, based on patient presence.
- Alerts when the patient is in an unsafe position and outside of the defined safe state parameters.

PULMONARY RISK

Bed status settings for a pulmonary risk patient:

- Limits of the Head-of-Bed angle (i.e. between 30° and 45°)

Automated alert settings for a falls risk patient:

- Alerts when the patient is in an unsafe position and outside of the defined safe state parameters.

SKIN RISK

Bed status settings for a skin risk patient:

- How often and length of time a patient should be turned

Automated alert settings for a skin risk patient:

- Automatically sets the turn reminder alert when the patient is identified as a risk for pressure ulcers.
- Alerts caregivers to upcoming need for turns and when turns are overdue.

Manually Arming Bed Exit

1. Press and hold KEY button.
2. Press NAVICARE ALERTS ON/OFF button.
3. Press desired BED EXIT SENSITIVITY button to select.



Bed Exit Sensitivity



A



B



C



Alerts On / Off

BED EXIT SENSITIVITY OPTIONS

There are three options for Bed Exit Sensitivity. Bed Exit Sensitivity determines how the bed alarms will react to in-bed patient movement.

- a. Most sensitive PPM setting
- b. Moderately sensitive PPM setting (Default)
- c. Least sensitive PPM setting

Setting Out of Room Status

If the patient needs to leave the room for a procedure, or another reason, the caregiver can set the room to Out of Room status. When Out of Room status is enabled, patient safety alerts are suppressed, on-demand reminders are automatically marked as completed, and recurring reminders are automatically placed on hold.

When the patient returns and is detected in the bed, repeating reminders that were placed on hold are automatically restarted, and once the caregiver leaves the room, the patient safety alerts are re-activated. On-demand reminders which were completed must be re-activated once the patient is back in the room.

To set or turn off Out of Room status, on the Smart Patient Station:

1. Press the OUT OF ROOM button.
2. Press IN or OUT.

NOTE: All on-demand reminders will be marked complete when Out of Room is set even if a staff member has not been to the patient room to complete the task. For example, if an on-demand pain assessment reminder is created and the patient is taken out of the room, prior to the staff member completing the pain assessment, when the Out of Room status is turned on, the pain assessment reminder will be marked as complete in the system. The staff member will not receive a notification that the task was marked complete. To continue receiving this reminder, the on-demand pain assessment reminder will need to be re-activated once the patient is back in the room and the Out of Room status is turned off.

Hill-Rom is a leading global medical technology company with approximately 10,000 employees worldwide. We partner with health care providers in more than 100 countries by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Clinical Workflow, Surgical Safety and Efficiency, and Respiratory Health.** Around the world, Hill-Rom's people, products, and programs work towards one mission: **Every day, around the world, we enhance outcomes for patients and their caregivers.**

* For NaviCare® Patient Safety, VersaCare® requires connectivity options:

- Wired – SideCom + NSC/SNC/NUL
- Wireless – Wireless + Locating

** Steps 4 and 5 require Staff Locating system integration.

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