SEPTEMBER 2020

THE PROGRESSA®
SMART BED

Bed Controls: Tips and Tricks

In the ICU, spending more time with your most critical patients is important to help them move toward recovery.

THAT'S WHY THE PROGRESSA® BED'S FEATURES ARE DESIGNED TO HELP GET YOUR MOST CRITICAL PATIENTS BACK ON THEIR FEET. CLICK ON EACH FEATURE TO LEARN MORE.

CAREGIVER CONTROLS

- Siderail Controls
- Caregiver Pendant Control
- Lockout Control

TOUCH SCREEN – GRAPHICAL CAREGIVER INTERFACE (GCI)® CONTROLS

- Graphical Caregiver Interface (GCI)® Controls
- Unlocking/Locking the Screen
- Bed Exit Alarm
- Alarm Silence, Suspend & Deactivation
- Using the Scale
- Zero for New Patient
- Patient History
- Weight History
- BMI Calculator

FRAME FEATURES

- FullChair® Position
- Chair Egress
- Side Exit Assist
- FlexAfoot™ Mechanism
- Bed Up/Down
- Head Up/Down
- Foot Up/Down
- Knee Up/Down
- Bed Flat Control
- Reverse Trendelenburg
- CPR Control
- Patient Restraints
- IntelliDrive® Transport System

SURFACE FEATURES

- Percussion & Vibration (P&V)
- Continuous Lateral Rotation Therapy (CLRT)
- Deactivate Therapies
- Max Inflate
- Boost® Feature
- Turn Assist
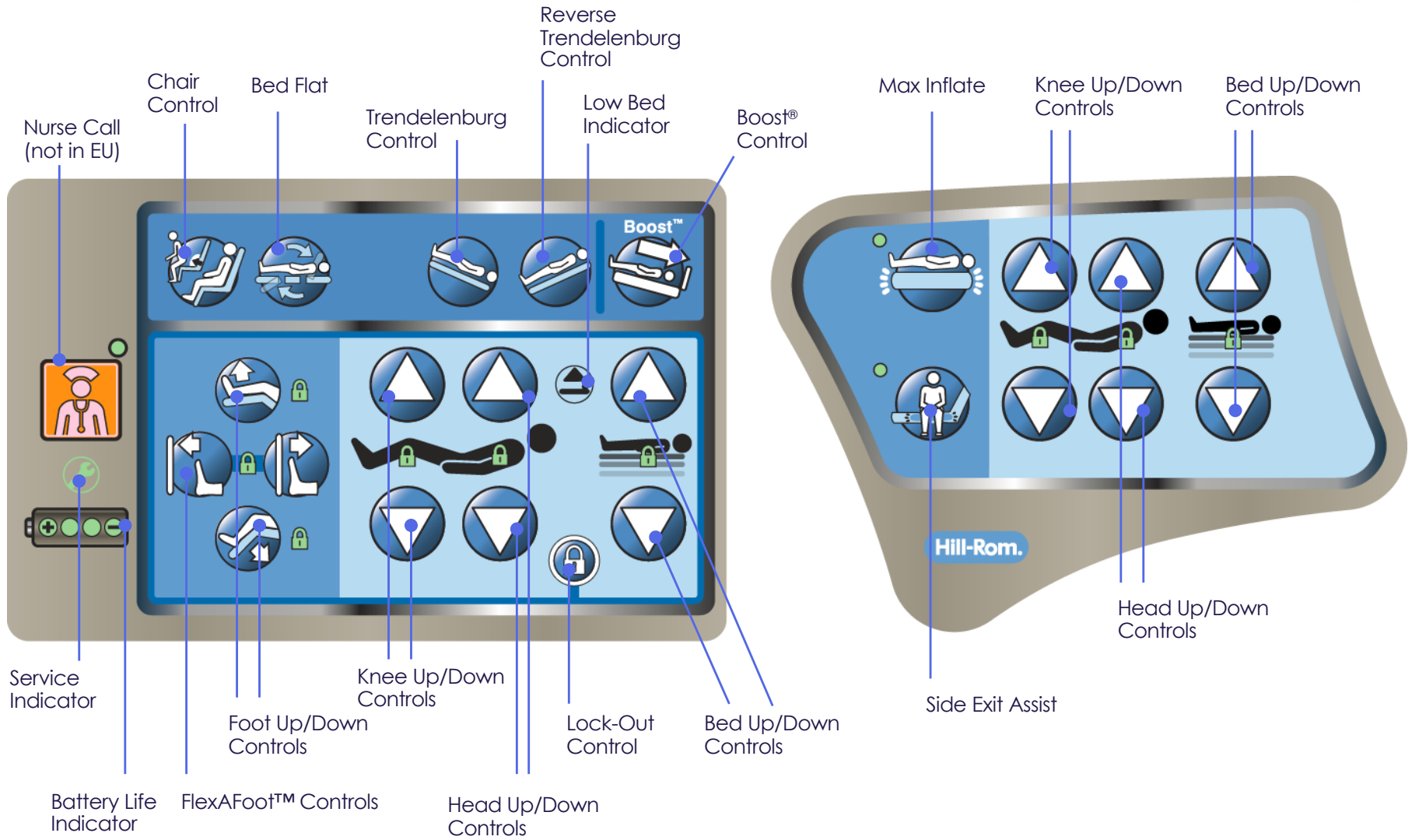- Sleep mode
- Opti-Rest™ Mode
- Patient Comfort
- Seat Deflate

Hillrom™

CAREGIVER CONTROLS

Siderail Controls

Nurse Call (not in EU)

Chair Control

Bed Flat

Trendelenburg Control

Reverse Trendelenburg Control

Low Bed Indicator

Boost® Control

Max Inflate

Knee Up/Down Controls

Bed Up/Down Controls

Boost™

Hill-Rom.

Service Indicator

Battery Life Indicator

FlexAFoot™ Controls

Foot Up/Down Controls

Knee Up/Down Controls

Head Up/Down Controls

Lock-Out Control

Bed Up/Down Controls

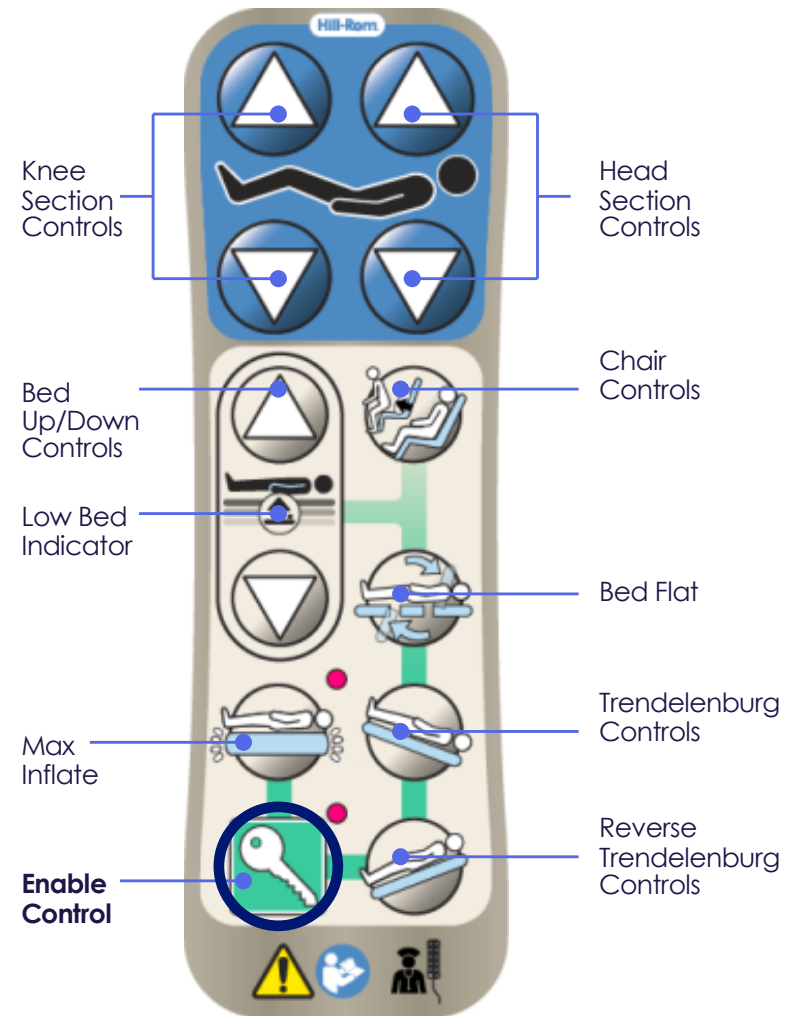Side Exit Assist

Head Up/Down Controls

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Caregiver Pendant Controls

The 'Enable' control is designed to deter unauthorized operation of controls on the pendant. It is only required for the functions connected with the green line. The indicator will stay on for 60 seconds.

TO ACTIVATE:

– Press and hold the **'Enable'** control until the indicator light comes on

– During the 60 second period, you may activate the bed controls on the pendant without pressing the 'Enable' control again

– If during the 60 second enabled time you want to turn it off, press the 'Enable' control

– The indicator light will turn off when the pendant controls are no longer enabled

Knee Section Controls

Head Section Controls

Bed Up/Down Controls

Chair Controls

Low Bed Indicator

Bed Flat

Max Inflate

Trendelenburg Controls

Enable Control

Reverse Trendelenburg Controls

Hill-Rom

Lockout Controls

Lockout controls disable the bed articulation functions, preventing bed movement.
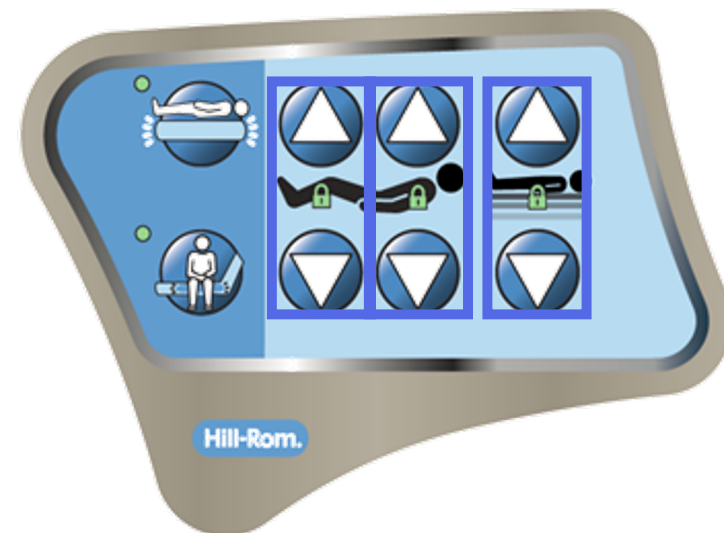
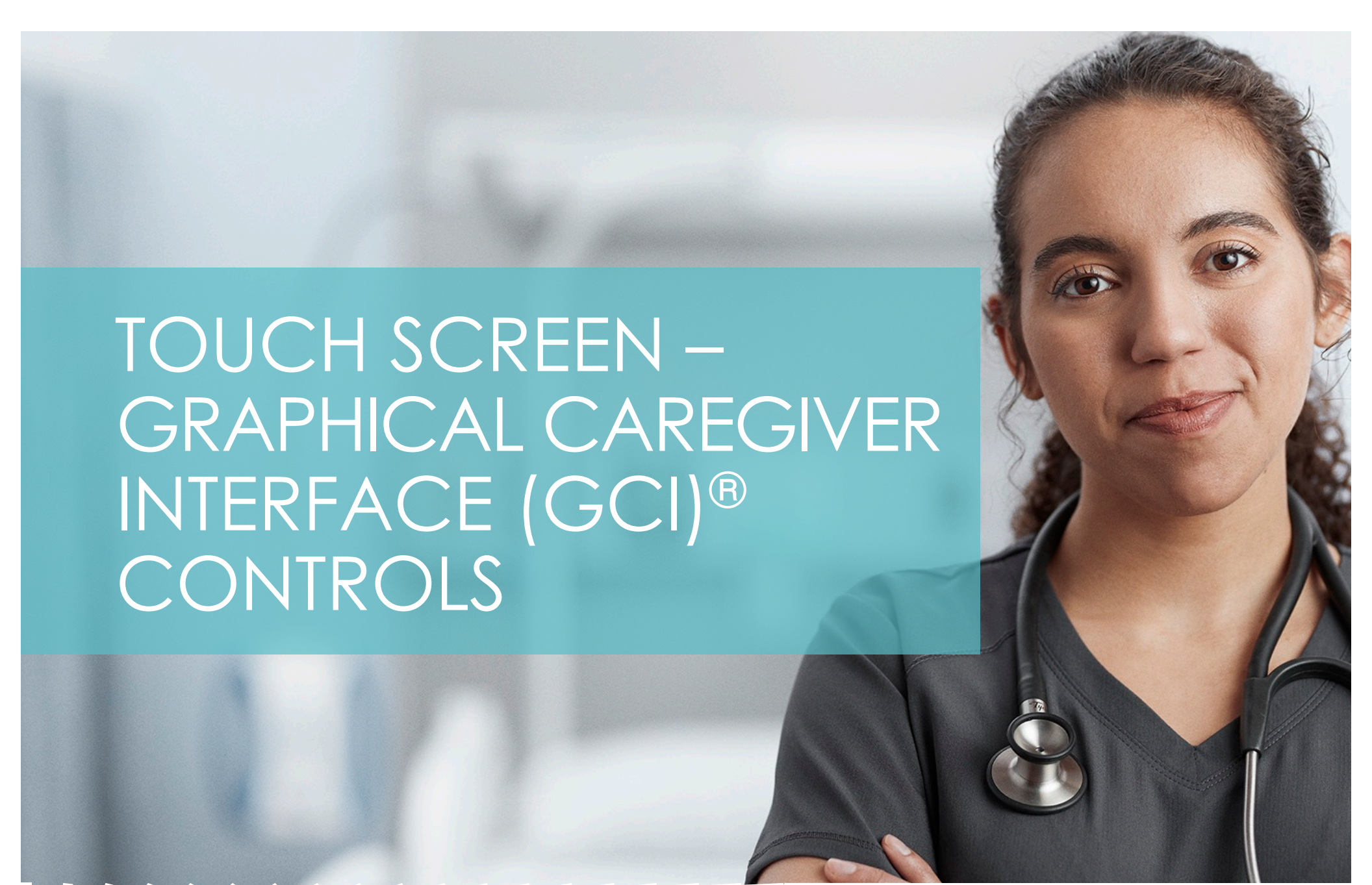– The CPR Control **CANNOT** be locked out

TO ACTIVATE:

– At the same time, press the **'Lockout'** control and the preferred **'function control'**

– Both the patient and caregiver controls will be locked out

– An audible alarm will sound and the locked function indicator will remain on when activated

TO DEACTIVATE:

– At the same time, press the **'Lockout'** control and the preferred **'function control'**

– Audible alarm will sound

TOUCH SCREEN – GRAPHICAL CAREGIVER INTERFACE (GCI)® CONTROLS

Graphical Caregiver Interface (GCI)® Controls

Head Angle Status

Bed Exit Status

Bed Zeroed Status

Surface Status

Trendelenburg Status

Rotation Status

Percussion & Vibration

Alarm Silent

Home Screen

Alarms

Scale

Surface Controls

Pulmonary Therapies

Help Tab

Screen Lock

Lowest Bed Position Indicator
(Green indicates the bed is in the lowest position, yellow indicates the bed is not in the lowest position)

Head of bed alarm indicator
(Green indicates alarm is active)

Unlocking and Locking the Screen

TO ACTIVATE:

Unlocking Screen

– **Slide your finger** across screen (left to right), toward the unlock symbol

– The 5 lights will turn green when slide is performed properly

Locking Screen

– From any active screen, press the **'lock button'** at the bottom left-hand side

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Bed Exit Alarm

The bed exit alarm will notify the caregiver of activities including:

– **Out of Bed:** patient's weight shifts significantly off the frame of the bed

– **Exiting:** patient moves away from the center of the bed towards an egress point

– **Position:** patient moves toward either siderail or moves away from the head section, such as sitting up in bed

TO ACTIVATE:

– Ensure patient is centered on the bed and aligned with the hip indicator

– Select the **'Alarms'** tab

– Select the **'Bed Exit'** tab

– Select **'Position', 'Exiting' or 'Out of Bed'**

– If you change your selection the GCI will arm

– The home screen will then display **'Bed Exit On'** and highlight icon

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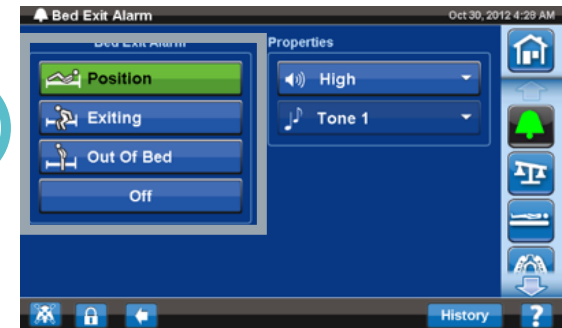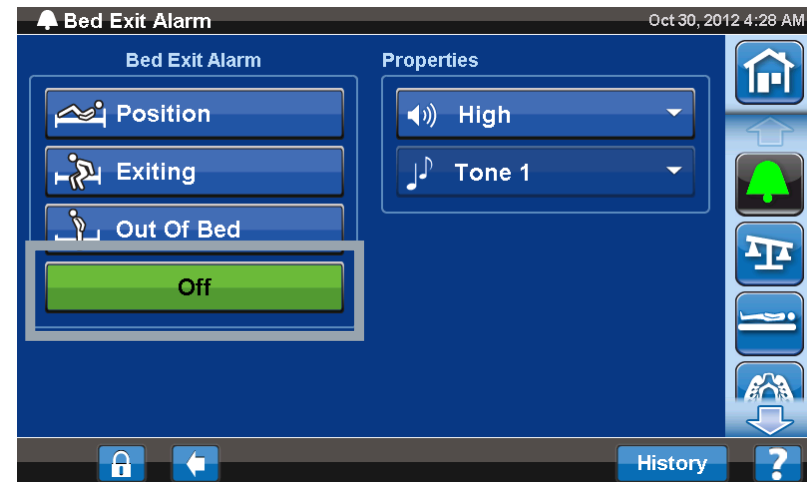
Alarm Silence, Suspend and Deactivation

TO DEACTIVATE:

– Select the **'Alarms'** tab

– Select **'Bed Exit'**

– Select **'Off'**

– The home screen will no longer display the 'Bed Exit Active' icon on left side of screen
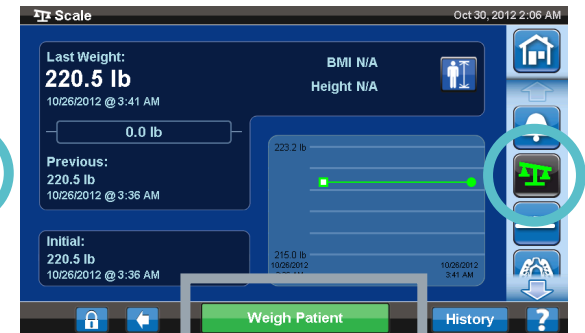
ALARM SILENCE

– Bed Exit Alarm can be silenced with the pre-emptive alarm for 30 seconds and suspended for 10 to 30 minutes without turning the system off

Using the Scale

TO ZERO THE SCALE:

– Make sure the patient is not in the bed

– Press the **'Scale'** tab

– Press **'Zero the Bed'** and follow on-screen instructions

TO WEIGH THE PATIENT:

– Make sure the patient is in the center of the bed

– Press the **'Scale'** tab

– Press **'Weigh Patient'** and follow on-screen instructions

– You will be prompted to put the bed into the recommended position 'Green' screen indicates recommended position is achieved

– Press **'Continue'**

– Note: You can weigh the patient if the bed is not in recommended position

– You will be prompted to remove all items hanging on the bed frame

– Once patient is weighed, press **'Accept'** to move on or **'Re-weigh'** to redo the weighing process

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Zero for New Patient

TO ACTIVATE:

– Make sure the patient is not in bed

– Put bed in required position

– Press the **'Scale'** control on the GCI

– Press **'Zero'**

– Press:

+ **'New Patient'**

1. Erases Scale History
2. Zeroes the scale
3. Returns surface to Normal mode
4. Turns off RemindMe reminders

+ **'Zero'**

1. Does **not** erase Scale History
2. Zeroes to scale

Patient History

TO VIEW PATIENT HISTORY:

– Press the **'Preference'** tab on the GCI

– Press **'History'**

– Select the desired history to display:

+ **Head Angle**: Time spent with the head of bed more than 30⁰ or 45⁰ since 12am

+ **Bed Exit**: Time spent with the Bed Exit alarm ON

+ **Scale**: Weight increase or decrease in 24-hour periods

+ **Rotation**: The maximum number of cycle/hour the patient has rotated and Hrs: Mins in rotation, in 24 hours

+ **P&V**: The number of treatments provided per 24-hour period

+ **Opti-Rest**: Time spent in OPTI-REST mode since 12am

+ **Chair**: Time spent in Chair position since 12am

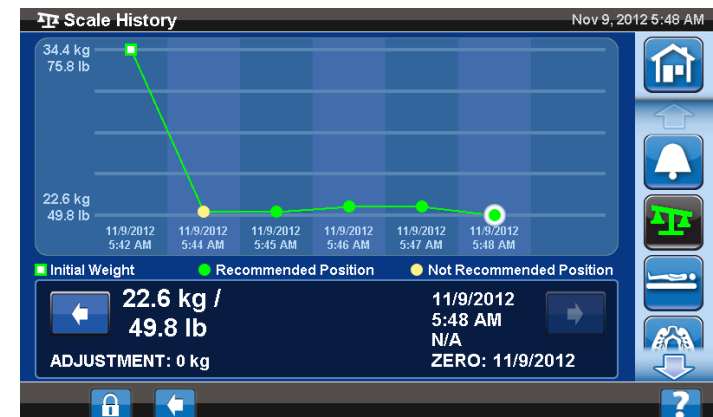Hillrom™
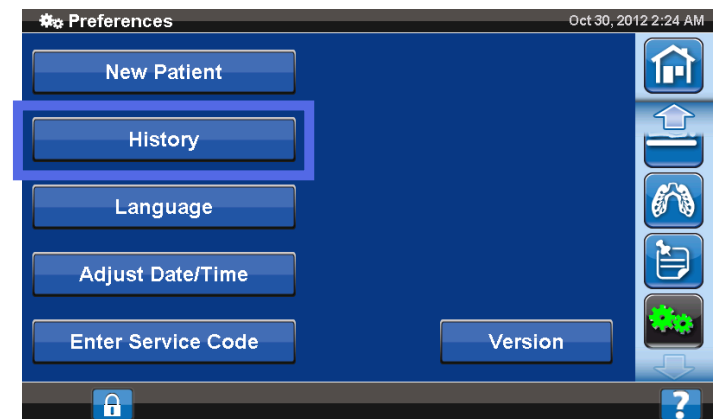
Weight History

TO VIEW WEIGHT HISTORY:

– Press the **'Scale'** tab

– Press **'History'** tab

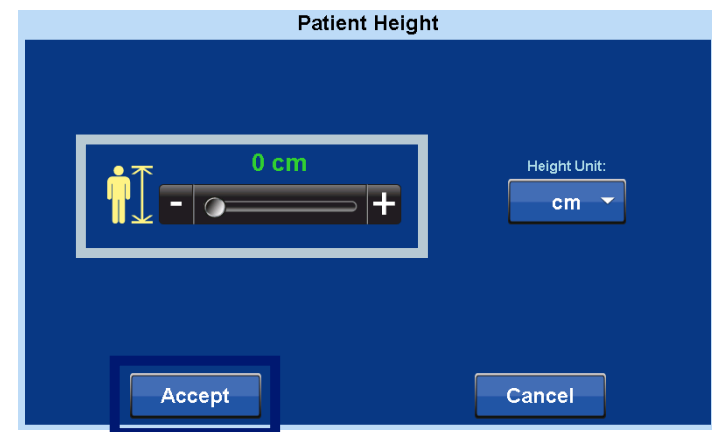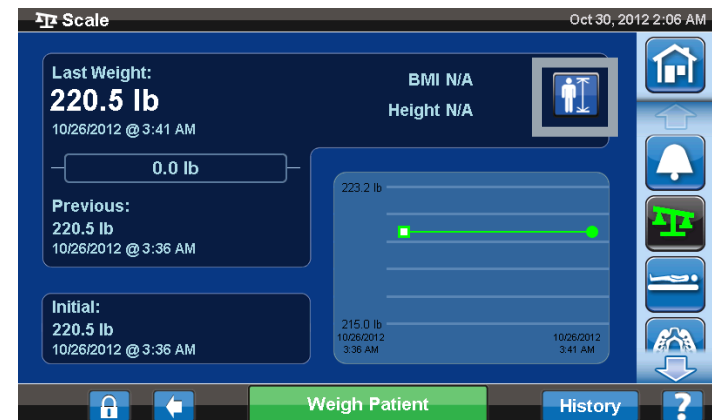**Icons will provide information based on:**

– Initial weight

– Weight taken in recommended position

– Weight taken in non-recommended position

BMI Calculator

TO ACTIVATE:

– Press the **'Scale'** tab on home screen

– Press **'Scale'** option

– Press the **'BMI'** button

– Slide finger on **'Height Adjustment'** until patient height is reached

  + You can choose between cm and in

– Press **'Accept'**
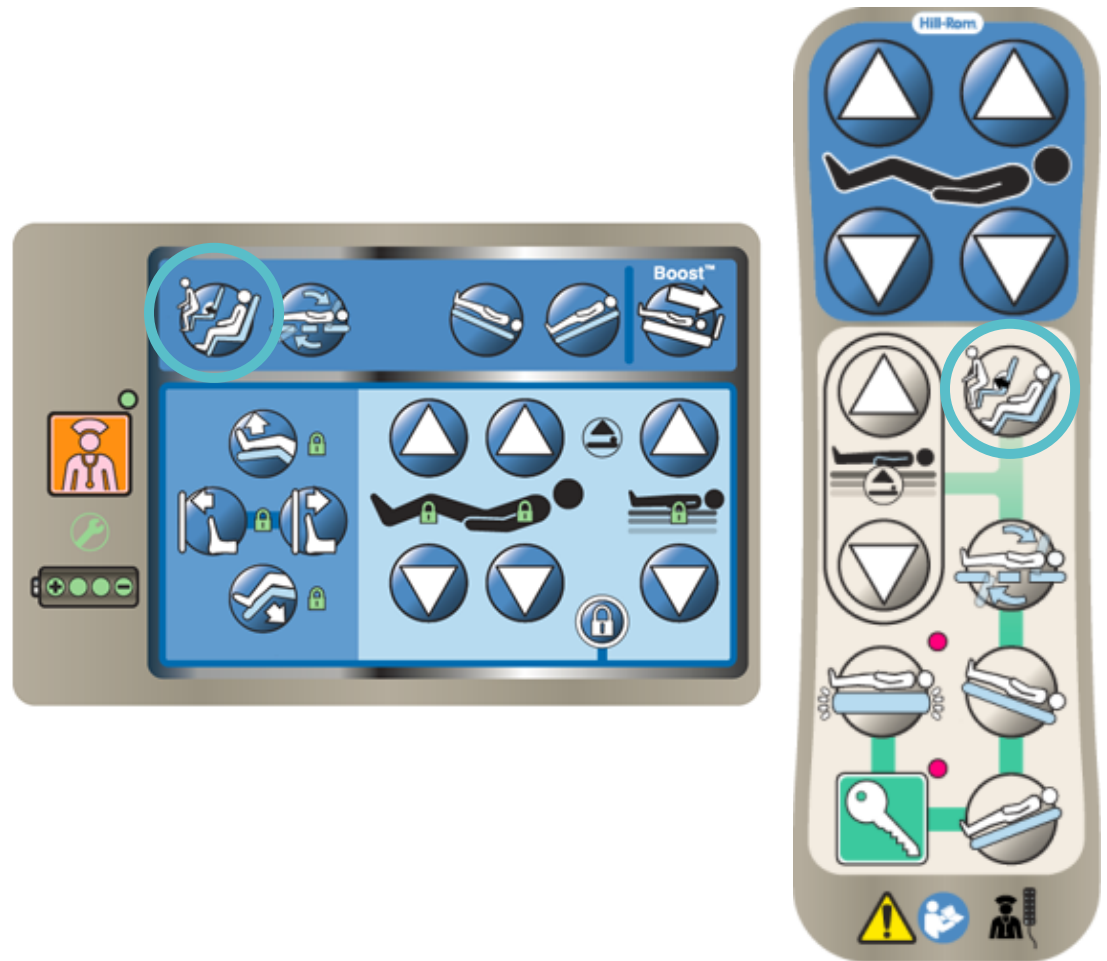
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FRAME
FEATURES

FullChair® Position

TO ACTIVATE:

– Set the brake

– Press and hold the **'Chair'** button on the siderail or caregiver pendant* to go into the FullChair® position

– The patient deck will slightly recline backwards as the seat and lumbar sections on the mattress slightly deflate

– If the footboard is installed, when the articulation stops and a tone sounds, the bed has reached the FullChair® position

NOTE: If the footboard is not installed, the bed will proceed into Chair Egress.

*Optional control

Chair Egress

TO ACTIVATE:

– Set the brake

– Recommend removal of footboard at this point

– Press and hold the **'Chair'** button on the siderail or caregiver pendant* to go into the FullChair® position

– If the footboard is installed, the bed has reached the FullChair® position when the articulation stops and a tone sounds

NOTE: If the footboard is not installed, the bed will proceed into the chair egress position

– Required removal of footboard at this point

– Press and hold the **'Chair'** button until the bed lowers completely

– Seat Deflate will activate to lower the patient

– Bed will beep 3 times indicating the surface is deflated

– Hold **'Chair'** again to proceed to Chair Egress position

– The bed tilts and then the knee lowers

Optional Egress Assistance:

– Hold **'Chair'** again to inflate back section for egress assist

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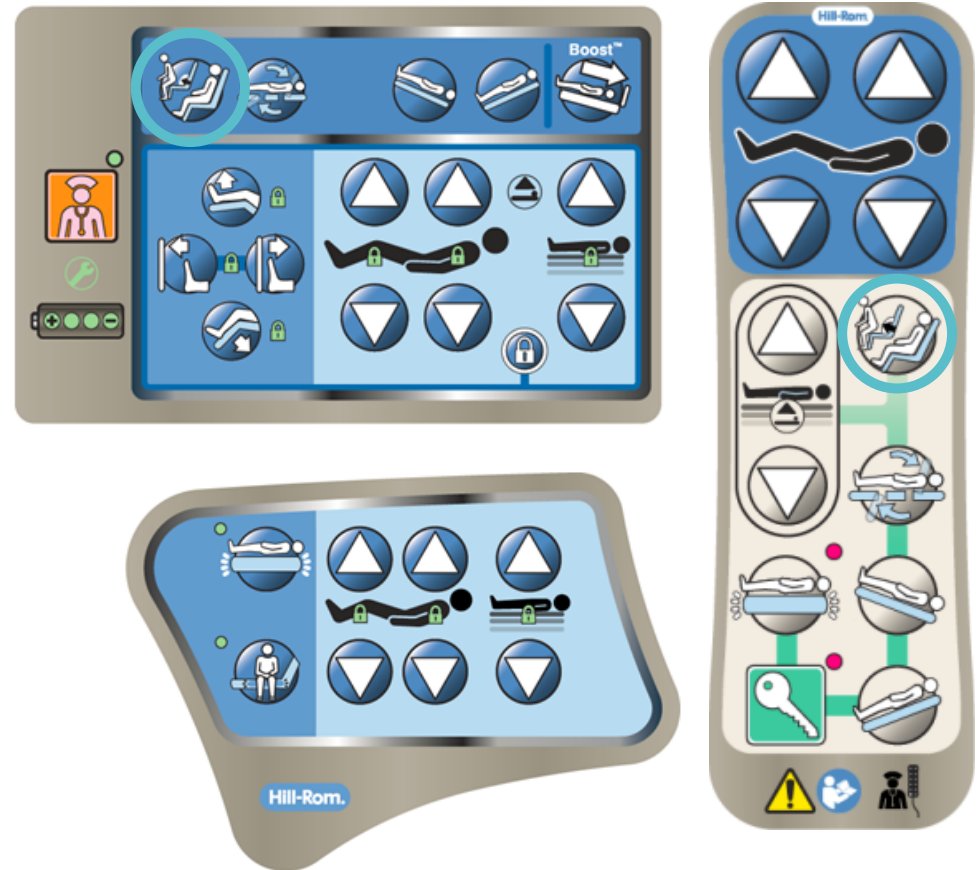
Side Exit Assist

TO ACTIVATE:

- Raise or lower the bed so the patient's feet will be flat on the floor

- Press the **'Side Exit Assist'** button, located on head end siderail, until the indicator light turns green

- The surface will begin to inflate under the patient

- Once the patient reaches their ideal egress position, assist the patient with bed exit

TO DEACTIVATE:

- Press the **'Side Exit Assist'** control on the head end siderail

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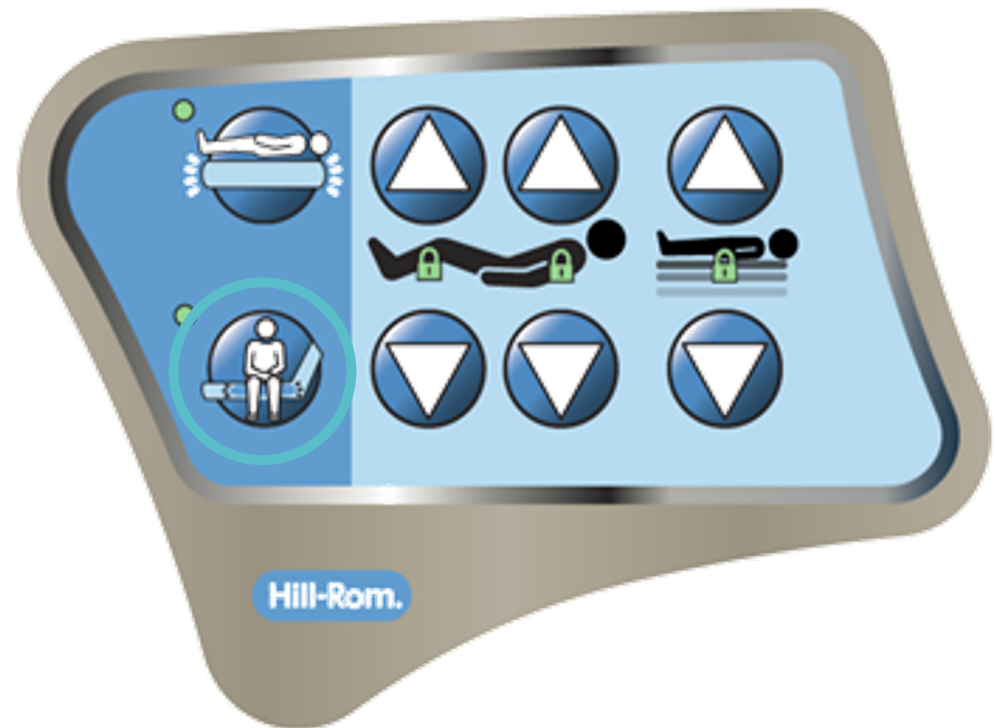
FlexAfoot™ Mechanism

Allows the caregiver to customize the overall length of the bed and sleep surface to the patient.

The bed and surface can be retracted up to 10" (25 cm).

TO ACTIVATE:

– Press and hold the **'Foot Extend'** control to **extend** the foot section

– Press and hold the **'Foot Retract'** control to **retract** the foot section

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Bed Up/Down

Adjust the height of the bed from low position for patient exit to high position for examination.

The Bed Up/Down controls are located on the:

– Head-end siderails   – Foot controls

– Intermediate siderails   – Caregiver pendant

TO ACTIVATE:
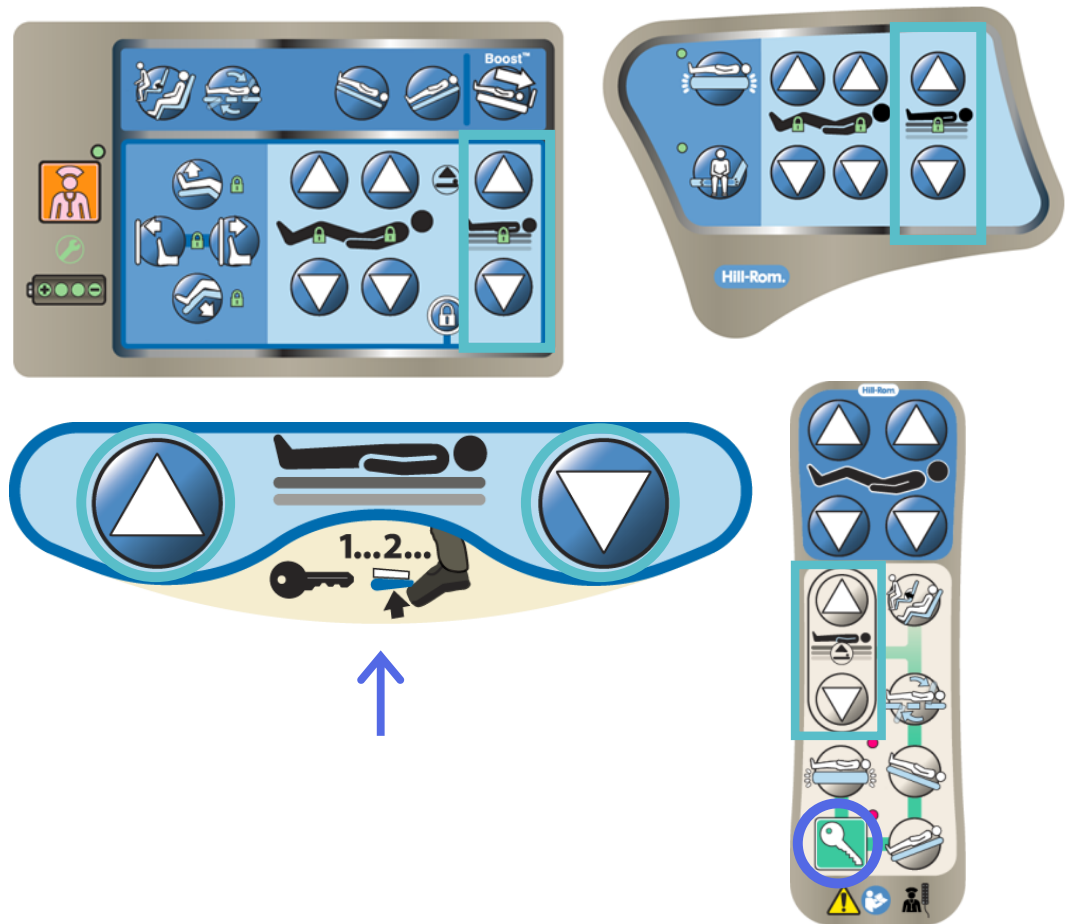
On the Siderails:

– Press and hold the **'Bed Up'** or **'Bed Down'** button to desired position

On the Caregiver Pendant:

– First press and hold the **'Enable'** button to activate controls

– Press and hold the **'Bed Up'** or **'Bed Down'** button to desired position

On the Foot Pedal:

– First lift and hold the **'Enable'** button underneath the pedal to activate controls until you hear a beep (~ 3 seconds)

– Press and hold the **'Bed Up'** or **'Bed Down'** button to desired position

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Head Up/Down

Raise or lower the head section of the bed by using the Head Up/Down controls.

Use the Line-of-Site® Angle Indicators or GCI home screen to see the specific angle.
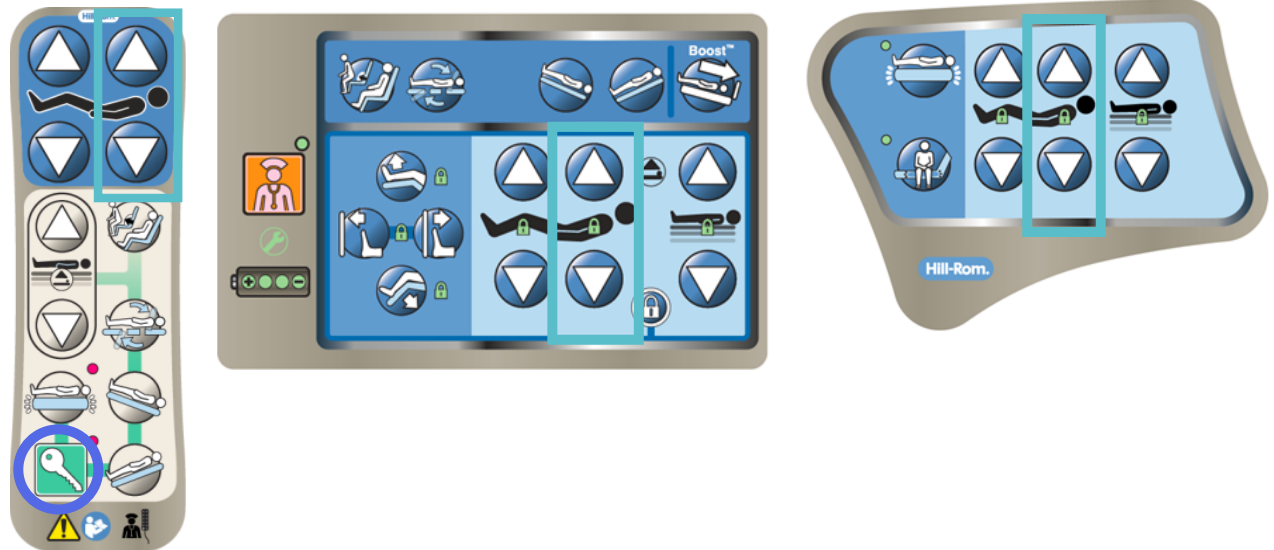
TO ACTIVATE:

On the Siderails:

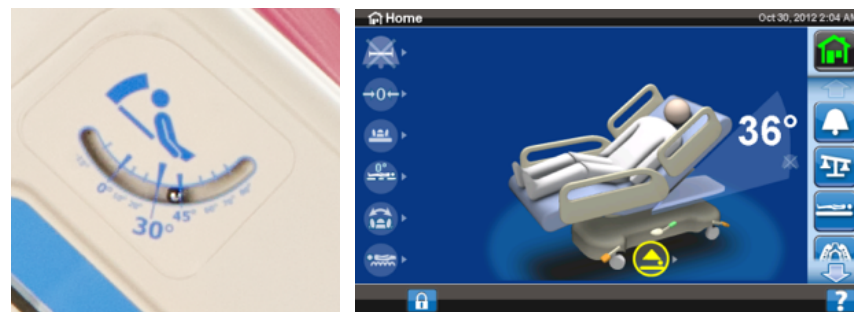– Press and hold the **'Head Up'** or **'Head Down'** button to desired position

On the Caregiver Pendant:

– First press and hold the **'Enable'** button to activate controls

– Press and hold the **'Head Up'** or **'Head Down'** button to desired position

HEAD UP/DOWN CONTROLS

LINE-OF-SITE® ANGLE INDICATORS

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Foot Up/Down

Raise and lower the foot section by using the Foot Up/Down controls.

TO ACTIVATE:

– Press and hold the **'Foot Up/Down'** controls to reach desired height
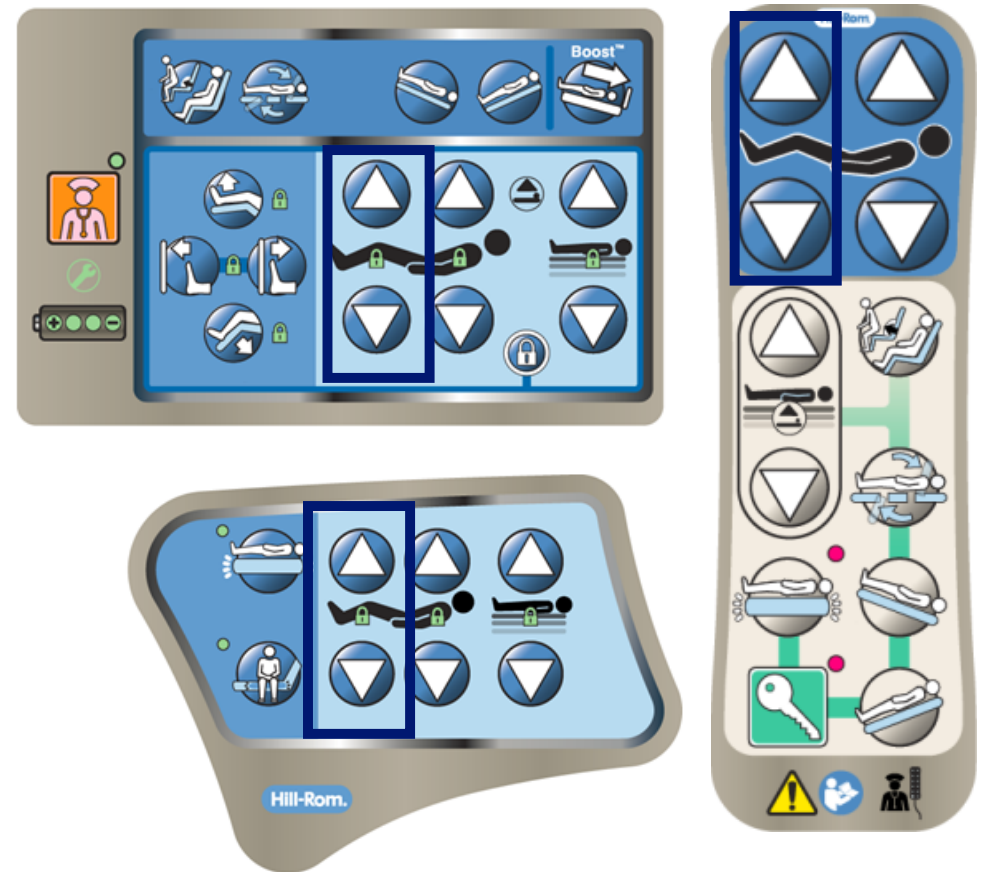
Hillrom™

Knee Up/Down

Raise and lower the knee section by using the Knee Up/Down controls.

TO ACTIVATE:

– Press and hold the **'Knee Up/Down'** controls to reach desired height

TIP: The automatic contour feature does not work when only using the Knee Up/Down controls.

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Bed Flat Control

Return the patient deck to the level position from any articulated position.

TO ACTIVATE:

– Press and hold the **'Bed Flat'** control

TIP: The individual sections move into the flat position. If the bed is starting in the chair position, then it will move through the reclining position on the way to level.

When all sections are flat, the bed stops and one beep sounds.

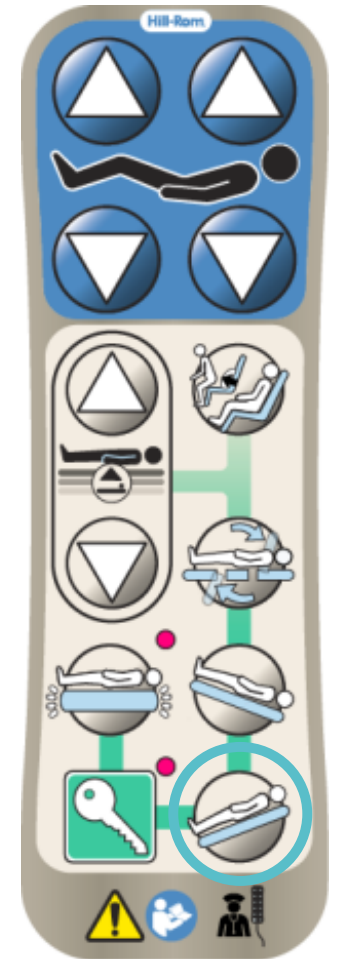**Hillrom™**

HOME ☰
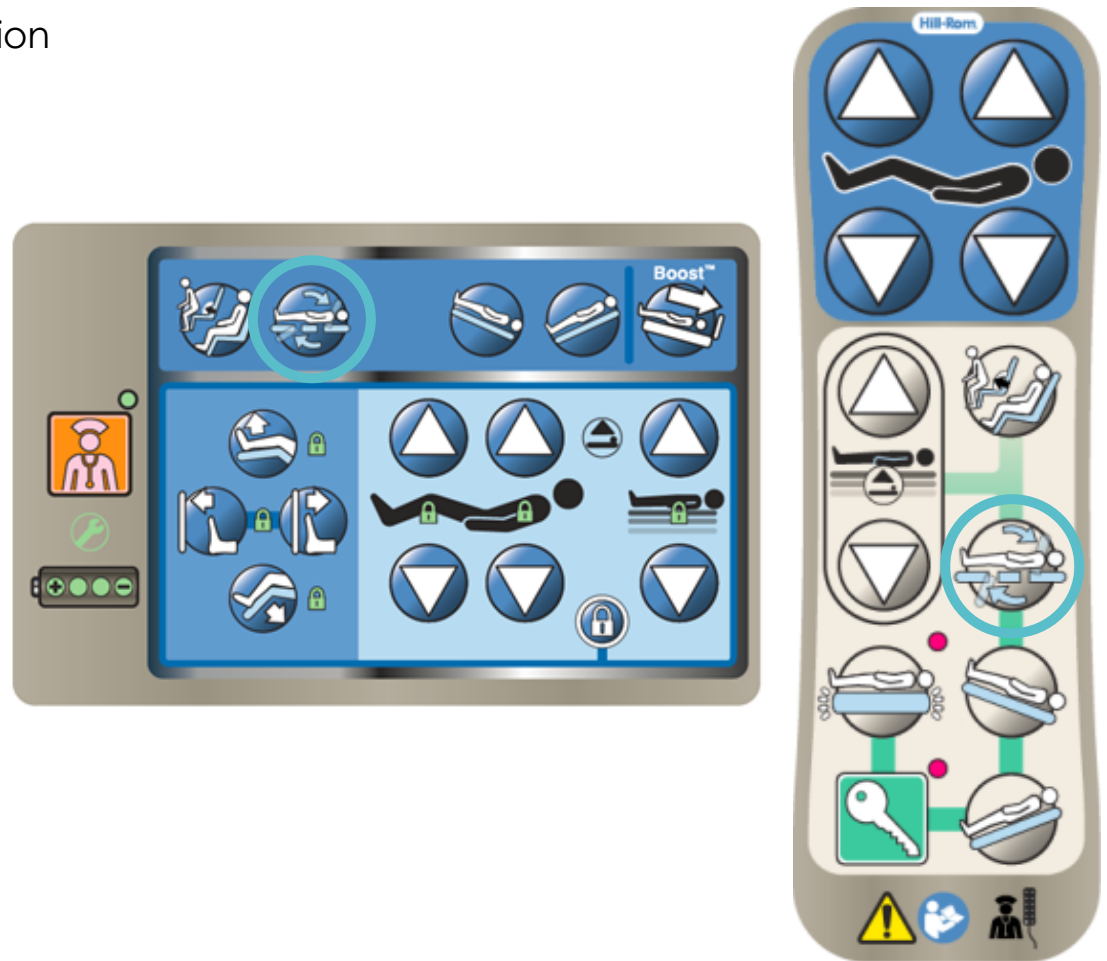
Reverse Trendelenburg

Allows the bed to achieve up to 18 degrees of Reverse Trendelenburg.

TO ACTIVATE:

– Press and hold the **'Reverse Trendelenburg'** button on the siderail or caregiver pendant*

Optional control

For detailed Warning and Caution statements, and operating instructions, refer to the Progressa® Bed User Manual
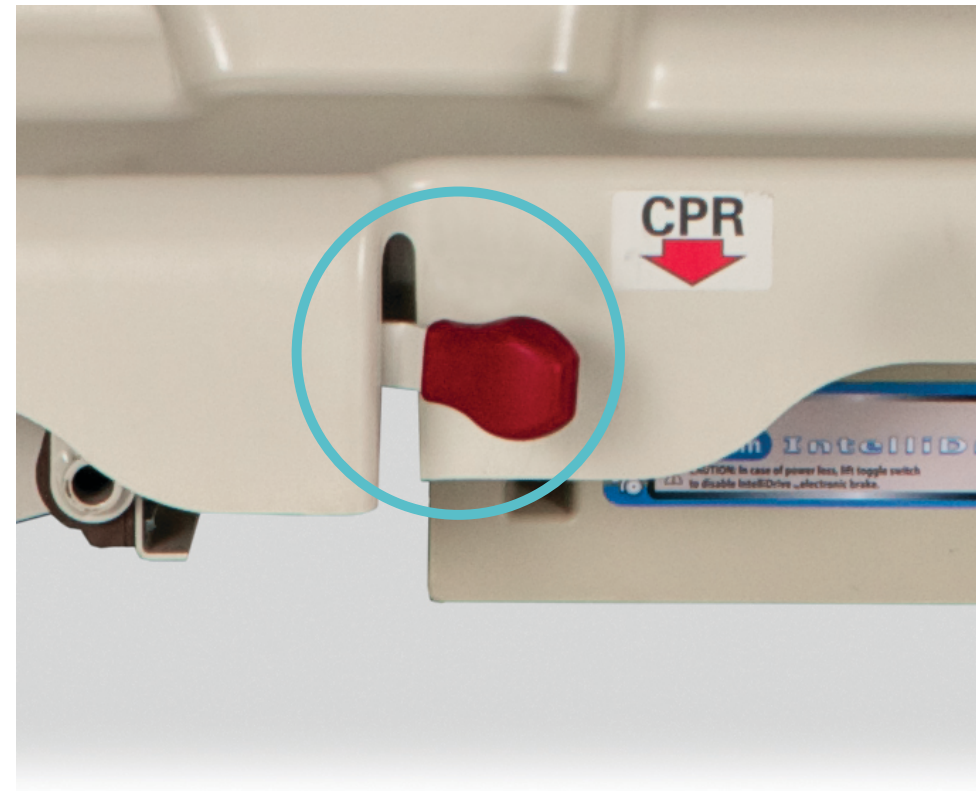
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CPR Control

When connected to AC power, the HandsFree® CPR Control will:

– Lower the head and knee sections

– Raise the foot section

– Activate the integrated surface Max-Inflate feature

TO ACTIVATE:

– Step down on **'CPR pedal'** until head section reaches the flat position

– The foot and knee sections will automatically go flat

– Max-Inflate will automatically activate for 60 minutes

NOTE: When the AC power is lost, the head section will lower and the foot section will raise. The optional integrated surface will not Max-Inflate and CPR board effectiveness may be reduced.

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Patient Restraints
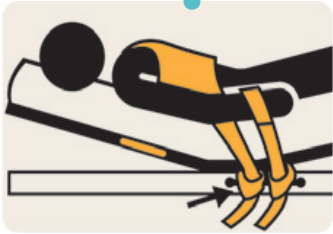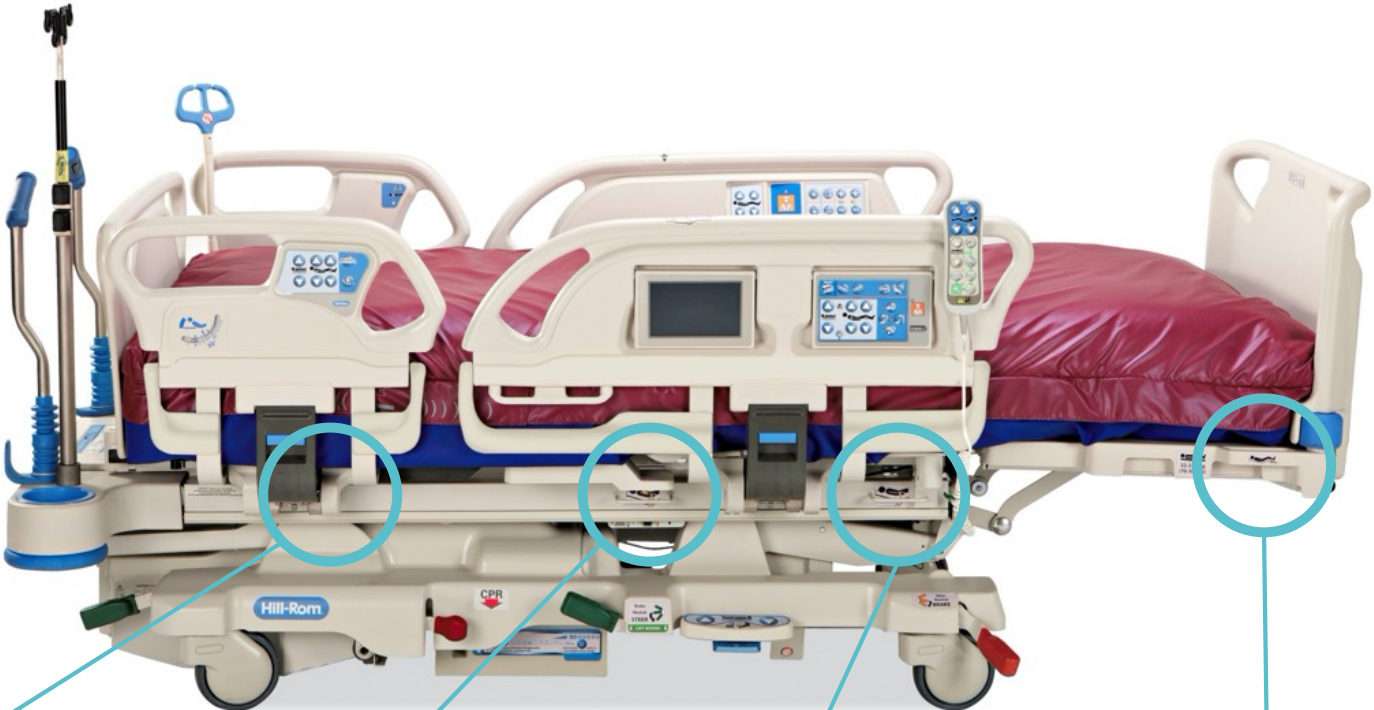
Hillrom makes no recommendation regarding the use of physical restraints. Users should refer to legal restrictions and appropriate facility protocols before physical restraints are used.

IntelliDrive® Transport System

TO ACTIVATE:

- Make sure transport handles are raised and in the locked position
- Unplug the bed from its power source
- Unplug and stow all power cords and communication cords on the hook at the bottom of the transport handle
- Set the steer pedal to Steer
- Grip one or both of the transport handles
- Press at least one of the enable switches on the underside of the blue transport handles
- Push transport handles forward to start forward movement or pull them toward you for reverse
- Decreasing pressure on transport handle will slow the bed down
- Releasing the enable switches will cause the bed to stop

TO DEACTIVATE:

- Set brake/steer system to neutral or brake
- Plug bed into power source

SURFACE FEATURES

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Percussion & Vibration (P&V)

Percussion & Vibration helps loosen secretions in the lungs and helps move lung secretions for easier removal.

TO ACTIVATE:

– Select the **'Pulmonary Therapy'** control on the GCI

– Select **'P & V'**

– For pre-set options, select **'High' 'Medium' or 'Low'**

– For custom option, select **'Custom'**

  + Set Percussion intensity

  + Set Vibration intensity, frequency and duration

– Select **'Start'**

Continuous Lateral Rotation Therapy (CLRT)

Rotation provides side-to-side Continuous Lateral Rotation Therapy (CLRT) to aid in the prevention and treatment of pulmonary complications related to immobility.

TO ACTIVATE:

– Select **'Pulmonary Therapy'** control on the GCI

– Select **'Rotation'**

– For pre-set options, select **'Full' 'Moderate' or 'Minimum'**

– For custom option, select **'Custom'**

  + Set rotation direction, rotation percentage and duration

– Select either **'Yes' or 'No'** on rotation training mode

– Select **'Start'**

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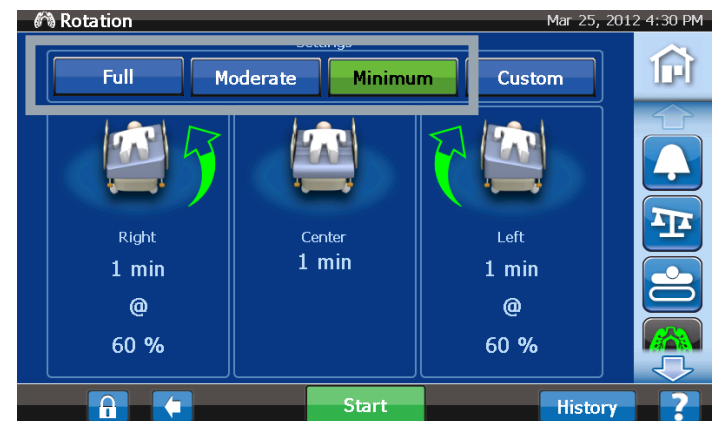
Deactivate Therapies

TO DEACTIVATE:

– Select the **'Pulmonary Therapy'** control on GCI

– Press the **'Stop Therapies'** button and follow the instructions on the GCI screen

NOTE: If P&V and CLRT are both active and P&V is stopped, CLRT will also automatically stop. You will need to re-activate CLRT to resume rotation therapy.

Max Inflate

Maximizes the firmness of the primary section of the patient surface. The bed will stay in max inflate for 30 minutes before returning to normal/standard state.
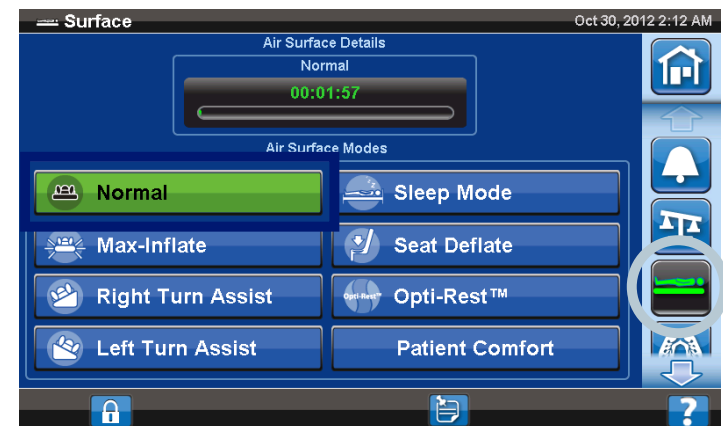
TO ACTIVATE:

– On the home screen, select the **'Surface'** tab

– Select **'Max-Inflate'**

Confirmation

– On the home screen, the **'Max-Inflate'** icon will be highlighted when activated

TO DEACTIVATE:

– On the home screen:

  + Select the **'Surface'** tab

  + Select **'Normal'**

– On the upper side rail control:

  + Press the **'Max-Inflate'** button

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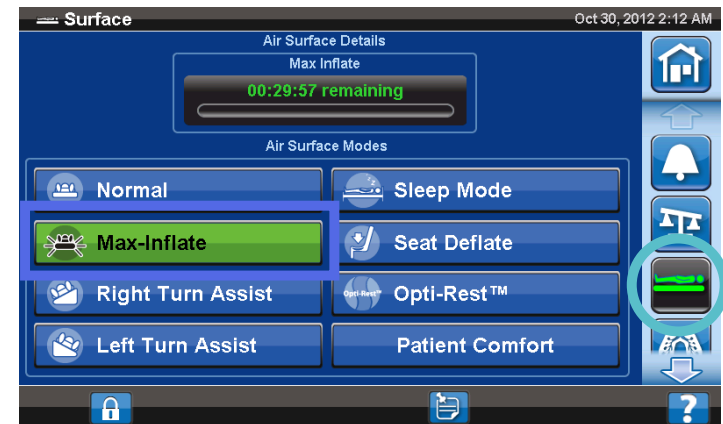
Boost® Positioning System

The Boost® Positioning System assists with the movement of the patient to the head end of the bed.

TO ACTIVATE:

– Press and hold the '**Boost**®' control on the siderail

– The bed will transition to the Trendelenburg position

– If the bed has an air system, the mattress will go into Max-Inflate for 30 minutes

– Release the '**Boost**®' control when the desired position is reached

– Reposition the patient as needed

TIP: To return to the flat position, press and hold the '**Bed Flat**' control. If the bed has an air system, press the '**Normal**' control for the surface.

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Turn Assist

Assists caregiver in turning the patient for linen changes, dressing changes, bed panning, back care, and other nursing procedures.

– Siderails must be in the up position to activate turn assist

– Once turn assist is initiated, you may lower a siderail to facilitate patient care

   + The bed will alarm as a safety precaution

TO ACTIVATE:

– Select the **'Surface'** tab on home screen

– Select the **'Right Turn Assist'** tab (patient's right) or **'Left Turn Assist'** tab (patient's left), depending on how you want to turn patient

Confirmation

– On the home screen, the **'Right Turn Assist'** or **'Left Turn Assist'** icon will be highlighted when active

TO DEACTIVATE:

– Select the **'Surface'** tab on home screen

– Select the **'Normal'** control
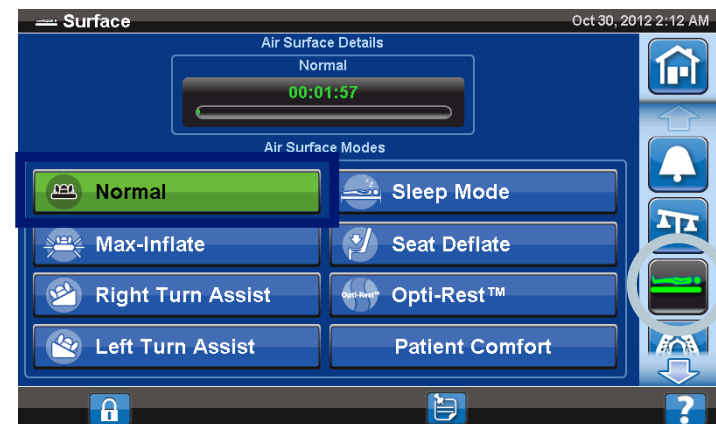
Sleep Mode

Sleep Mode is used to reduce frequency of air system adjustments for patients who are sensitive to air surface movements.

After 8 hours the Normal mode reactivates.

TO ACTIVATE:

– Press the **'Surface'** tab on the GCI

– Press the **'Sleep Mode'** control

TO DEACTIVATE:

– Press the **'Surface'** tab on the GCI

– Press the **'Normal'** control

Opti-Rest™ Mode

Opti-Rest mode offers increased comfort for the patient while maintaining pressure relief. It vents the chest, seat, and thigh zones, producing a massaging wave-like action.

TO ACTIVATE:

– Press the **'Surface'** tab on the GCI

– Press the **'Opti-Rest'** control

TO DEACTIVATE:

– Press the **'Surface'** tab on the GCI
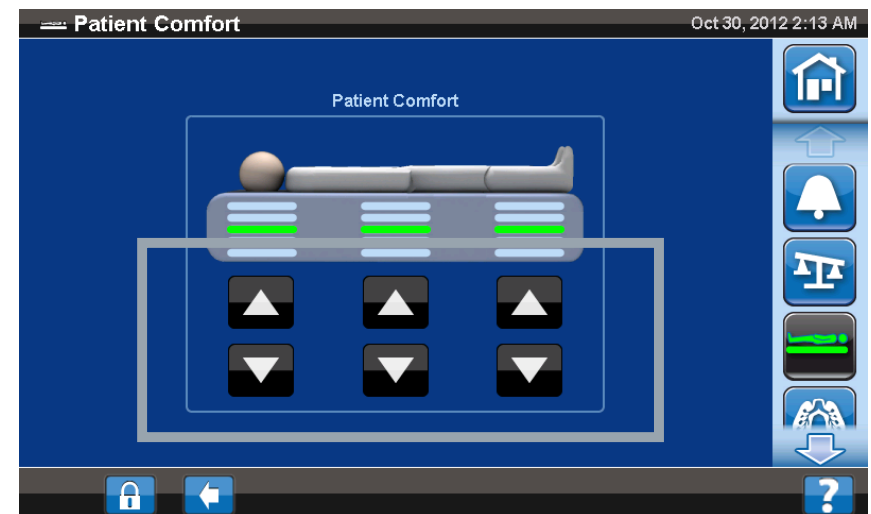
– Press the **'Normal'** control

Patient Comfort

Adjust the firmness of the surface to meet the comfort levels of the patient.

TO ACTIVATE:

- Press the **'Surface'** tab

- Press the **'Patient Comfort'** tab

- Use the **'Comfort Adjustment'** controls to change the pressure in the head, seat, and heal section of the mattress

  + To **increase** the pressure, press the 'Up' arrow

  + To **decrease** the pressure, press the 'Down' arrow

Warning: Do not use Patient Comfort in any zone where the patient is undergoing pressure ulcer treatment or prevention, injury could result.
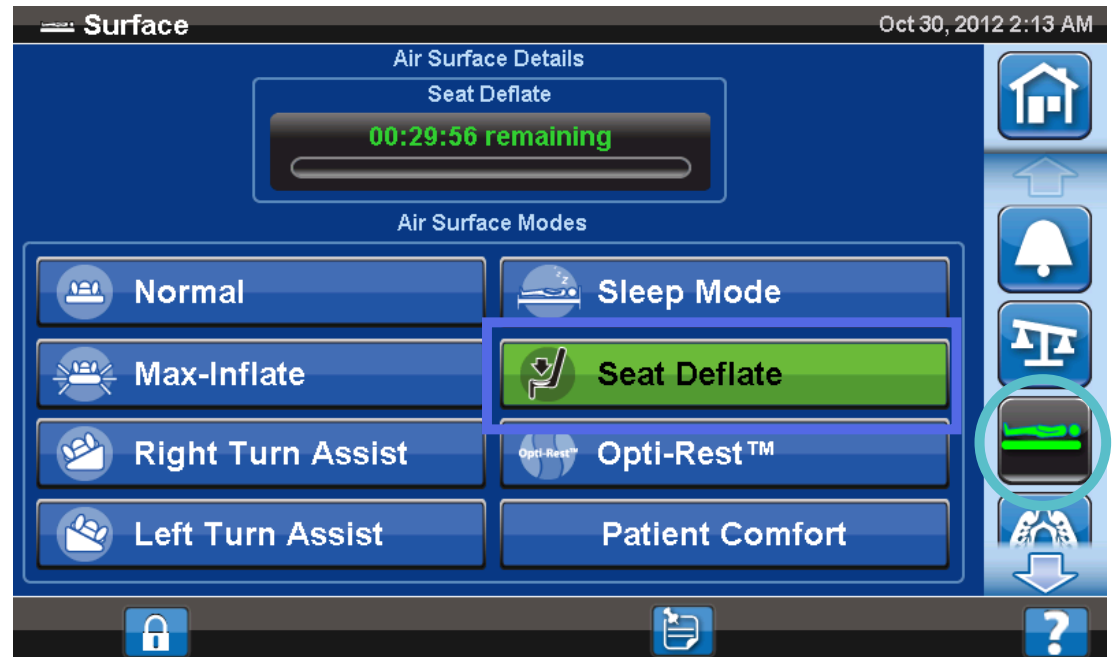
Seat Deflate

TO ACTIVATE:

– On the GCI, press the **'Surface'** tab

– Press the **'Seat Deflate'** control

NOTE: While in Seat Deflate, no other mattress functions are available except Max-Inflate, Normal/Standard, and CPR.

Progressa® Smart Bed: Key Differentiators

StayInPlace™ Technology

Line Managers

Caregiver Siderail Controls

Advanced Microclimate® Technology Surface

IntelliDrive® Transport System

Percussion & Vibration (P&V) and Continuous Lateral Rotation (CLRT) In-Bed Therapies

Caregiver Pendant Controls

FlexAfoot™ Retractable Foot Control

Touchscreen/Graphic Caregiver Interface (GCI)® Control on both sides

FullChair® Position with Patient Egress

Integrated Oxygen Tank Holder

3-Mode Bed Exit with Alarm Silence and Suspend Mode

Hands-Free Foot Controls

Brake and Steer System

Hillrom™