






Skin and Wound Product Information Sheet

| TotalCare Bariatric Plus Bed System with Advanced Therapy Surface | |
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| Classification | Therapeutic Support Surface: Advanced Integrated Bed System |
| Key Points | <ul style="list-style-type: none"> • The TotalCare Bariatric Plus Bed System may be used with a Foam Surface or with the Advanced Therapy Surface. This document is specific to the Advanced Therapy Surface and does not provide information on the Foam Surface option. • For more detailed information and instructions refer to User Manual (obtain from vendor). • Advanced support surface. • Weight capacity: More than 91 kg (200 lb) and less than 250 kg (550 lb) • Powered integrated bed system with 5-zone air mattress providing: <ul style="list-style-type: none"> • Reactive support. • Friction and shear reduction. • Microclimate management. • Continuous lateral rotation therapy to aid in prevention and treatment of pulmonary complications related to immobility (not for off-loading). • Percussion and vibration therapy to assist with breaking up of lung secretions (not for off-loading). • Staff turn assist to assist with turning for the purpose of providing care (not for off-loading). • Max-inflate to provide a firmer surface making it easier for the caregiver to reposition patient in bed, perform procedures or transfer them to another surface. • Seat deflate. • CPR quick deflate. • Adjustable bed length. • Chair position with chair egress. • Bed exit alarms. • Powered transport. • HOB alerts. • Integrated scale. • Needs frequent checks to ensure no bottoming out. • Caution sharp objects may puncture surface. • No battery backup for mattress but should stay inflated for 3-8 hours. |
| Indications | <ul style="list-style-type: none"> • For those at high risk (Braden Score 10-12) or very high risk (Braden Score 9 or less) for pressure injury. • For those with pressure injury (excluding heels) and 0-1 intact turning surfaces. • To treat or prevent pulmonary or other complications associated with immobility. |
| Precautions | <ul style="list-style-type: none"> • No stability at edge, consider other surfaces for those who can roll/ sit/ transfer from edge of mattress. Stable edge when deflated. • Use with caution when unable to turn patient. May be at high risk for spinal pressure injuries when percussion function is used. |
| Contraindications | <ul style="list-style-type: none"> • Unstable cervical / thoracic / lumbar fractures. |
| Discontinuation of Therapy | <ul style="list-style-type: none"> • Support surface is discontinued or stepped down when: <ul style="list-style-type: none"> • The features of the support surface are no longer required (e.g. turn assist, pulsation). • The patient's Braden Score has improved and an advanced support surface is no longer necessary. • The patient's pressure injury has healed to a point where active therapy is not needed. • The patient does not tolerate the surface (e.g. noise, uncomfortable). |
| Formats & Sizes | <ul style="list-style-type: none"> • Weight Capacity: 227 kg (550 lb) • Mattress Dimensions: 213 x 102 cm • Mattress Weight: 17 kg (37.5 lb) • Low Bed Height: 48 cm (19 in) <div style="text-align: right; margin-top: 10px;">  </div> |



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| Accessing the TotalCare Bariatric Plus Bed System | |
| <p>Order rental Bed System as per Health Authority process. Support surface will be set up based upon the client's pressure redistribution needs by the Hill-Rom Service Technician or as per Health Authority / site protocols.</p> <p>Obtain and set-up owned surface/pump as per Health Authority/site process.</p> | <p>Rental system should be delivered in 4-24 hours of placing the order. Delivery time may vary depending on site distance from warehouse.</p> |
| Linen Requirements | |
| <p>Refer to client specific plan of care for linen needs that may be different than those outlined below.</p> <p>Minimize layers of linen.</p> <p>No fitted or flat bottom sheet. However at patient request, loosely fitting bottom sheet may be used.</p> <p>Repositioning sling as needed. Should be left in place between turns if specifically designed to be left in place. Mesh is preferable for microclimate management.</p> <p>Disposable air permeable linen protector underpad as needed.</p> | <p>Clients may have specific linen needs.</p> <p>Each layer of linen reduces the pressure redistribution effect. Bottom sheet (fitted or flat) will decrease immersion and efficacy of microclimate management.</p> <p>Mesh sling is preferable to promote optimal microclimate management. Not all slings are intended to be left beneath the client between turns.</p> <p>Air permeable pad to promote optimal microclimate management.</p> |
| Daily Care | |
| <p>Turn/reposition and offload heels as per care plan. If the mattress surface becomes soiled, cleanse with agency approved cleaner and allow to dry.</p> | <p>Surface does not adequately off-load heels nor does it replace turning therefore patients must be turned as per routine/patient specific protocols.</p> |
| Setting up the TotalCare Bariatric Plus Bed System | |
| <p>To reset bed for a new patient:</p> <ul style="list-style-type: none"> Erase patient history by selecting 'Tools' tab on touch screen and select 'Erase (New Patient)'. Put linens on bed. Zero scale by selecting 'Scale' tab and select 'Zero Scale'. | <p>Bed must be reset for each patient.</p> <p>Patient weight will be more accurate if linens are added prior to zeroing scale. Ensure the same linens are on bed each time patient is weighed.</p> |
| <p>Put patient on bed. Weigh patient and accept weight.</p> | <p>Manual input of weight is not possible. Interface pressures are determined by patient's weight.</p> |
| TotalCare Bariatric Plus Bed System Functions | |
| <p>Caregiver controls are located on outward side of siderails.</p> <p>To activate touch screen press Up/Down or Enter control. When not being used will return to Main Screen and turn off.</p> <p>Press Enable Control button (found on side rail opposite to screen) to activate air system controls. Indicator light will come on for 20 seconds. During the 20-second period, other air system controls may be activated without pressing Enable control again.</p> | <p>One siderail has the touch screen used to control and operate air system. 3 controls are used to interact with touch screen: scroll Up arrow, ENTER, and scroll Down arrow.</p> <p>Enable control button must be pressed and indicator light illuminated before air systems will operate.</p> <p>Enable Control </p> |
| <p>Lockout Controls are used to disable bed articulating functions.</p> <ul style="list-style-type: none"> To activate, simultaneously press 'Lock' button and specific lockout control desired (either up or down). To deactivate, simultaneously press 'Lock' button and specific lockout control desired (either up or down). | <p>Audible alarm sounds when activated or deactivated. When activated amber light illuminates lock symbol for feature locked out.</p> <p>Lockout Control </p> |
| Retractable Foot Mechanism | |
| <ul style="list-style-type: none"> Press and hold foot 'Longer' control to extend foot section. Press and hold foot 'Shorter' control to retract foot section. | <p>Allows for customization of length of bed. Bed and surface can be retracted up to 12 inches to facilitate transport.</p> |



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| <p>Boost Feature</p> <ul style="list-style-type: none"> To activate press 'Boost' button on siderail. Release when desired position is obtained. After repositioning, Press 'Bed Flat' control to return bed to flat position. Press 'Normal' control for air system to reactivate. | <p>Places bed in ideal position for patient repositioning by inflating mattress to maximum, flattening bed, putting bed to ideal working height and placing bed in 7 degrees reverse Trendelenburg.</p> |
| <p>Full Chair Position Press and hold the 'Chair' button to go into full chair position.</p> | <p>Allows 1 caregiver to sit patient in chair position. Bed will beep once bed is in full chair position.</p> |
| <p>Chair Egress with Stand Assist</p> <ul style="list-style-type: none"> Put bed in Full Chair Position (see above). Remove footboard when bed is in full chair position. Continue to hold 'Chair' button until patient's feet touch the floor. Use a walker and/or caregiver to provide support for patient to stand. Press the 'Bed Up' button to facilitate standing. | <p>Allows for safer and easier patient egress from the front or side with less risk of injury to caregiver. Allows patient to progressively mobilize while feeling safe. Seat deflate will activate automatically to lower patient as low as possible.</p> |
| <p>Emergency CPR and Trendelenburg Foot Controls</p> <ul style="list-style-type: none"> CPR board is required. Head board can be used for this. To activate CPR use foot to hold CPR pedal down until head of bed is flat or in desired position. Release the pedal to stop head section movement. Foot and knee sections will automatically flatten with CPR. To stop foot section movement press any other side rail control. To activate emergency Trendelenburg use foot to lift up TREN pedal until bed has reached desired position. | <p>Used to rapidly lower head for CPR or place into emergency Trendelenburg position. Surface automatically goes into Max-inflate mode for 30 minutes.</p> |
| <p>Continuous Lateral Rotation Therapy and Percussion & Vibration are optional features and may not be available on all bed systems. If available, function will be visible on touch screen.</p> <p>Continuous Lateral Rotation Therapy (CLRT)</p> <ul style="list-style-type: none"> To activate: <ul style="list-style-type: none"> Align shoulders with lung label on inside of upper siderail. Go to 'Therapy' tab on touch screen. Select 'Rotation'. Select either 'Custom' or a pre-set option. Select 'Start Therapy'. Select 'Yes' or 'No' on rotation training. To deactivate press the 'Stop Therapies' button and follow instructions on screen. <p>Percussion & Vibration (P&V)</p> <ul style="list-style-type: none"> To activate: <ul style="list-style-type: none"> Align shoulders with lung label on inside of upper siderail. Go to 'Therapy' tab on touch screen. Select 'Percussion & Vibration'. Select either 'Custom' or a Pre-set option. Select 'Start Therapy'. To deactivate press 'Stop Therapies' button and follow the instructions. | <p>Provides side-to-side CLRT to aid in prevention and treatment of pulmonary complications related to immobility. Not for off-loading. Patients can be positioned laterally on either side with varying amounts of turn and pause times.</p> <p>The Surface Status will show how many minutes and seconds rotation has been activated.</p> <p>If both Pulsation & Vibration and CLRT are activated. CLRT will stop when Pulsation & Vibration is stopped.</p> <p>Helps loosen lung secretions for easier removal.</p> <p>When activated the Surface Status will show how many minutes and seconds P&V has been active.</p> <p>If P&V and CLRT are both active and P&V is stopped, CLRT will also stop.</p> |



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| <p>Turn Assist</p> <ul style="list-style-type: none"> Ensure side rails are up. Select the 'Surface' tab on touch screen. Choose either 'Turn Right' (patient's right) or 'Turn Left' (patient's left). | <p>Assists caregiver in turning patient for care. Side rails may be lowered to facilitate care once turn assist is initiated.</p> |
| <p>Max-Inflate</p> <ul style="list-style-type: none"> To activate select 'Surface' tab and then 'Max-Inflate'. To deactivate press 'Cancel' button. | <p>Maximizes firmness of surface to assist with transfers and repositioning.</p> |
| <p>Opti-Rest</p> <ul style="list-style-type: none"> To activate select 'Surface' tab and select 'Start' under 'Opti-Rest Mode'. To deactivate select 'Surface' tab and select 'Stop' under 'Opti-Rest Mode'. | <p>Provides increased comfort to patient, while still providing pressure relief by venting the chest, seat, and thigh zones producing a massaging wave-like action.</p> |
| <p>Seat Deflate</p> <ul style="list-style-type: none"> To activate select 'Surface' tab on touch screen and then select 'Seat Deflate'. To deactivate select 'Surface' tab on touch screen and then select 'Seat Deflate'. Or select 'Normal' control on siderail. | <p>Allows for easier side ingress and egress. Seat section stays deflated for 30 minutes. No other mattress functions are available when seat deflate is activated.</p> |
| <p>Comfort Adjust</p> <ul style="list-style-type: none"> Select 'Surface' tab and select 'Patient Comfort'. <ul style="list-style-type: none"> Press the up arrow to increase the firmness. Press the down arrow to decrease the firmness. | <p>Provides the firmness or softness of the surface according to patient preference. Use caution when changing surface firmness for those with or at risk for a pressure injury.</p> |
| <p>Sleep Mode</p> <ul style="list-style-type: none"> To activate, select 'Surface' tab and select 'Patient Comfort'. <ul style="list-style-type: none"> Under 'Sleep Mode' change to 'On'. To deactivate, select 'Surface' tab, select 'Patient Comfort'. Under 'Sleep Mode' change to 'Off'. | <p>Makes surface less sensitive to help patients rest with less distraction. Remains in sleep mode for 8 hours. Will automatically revert to normal mode after 8 hours.</p> |
| Alarms & Alerts | |
| <ul style="list-style-type: none"> Alarm can be silenced for 1 minute by selecting 'Silence'. Once Silence Mode is activated, activate Suspend Mode by selecting 'Suspend'. | <p>Suspend Mode can be used to suspend alarm for 10 minutes.</p> |
| <p>Bed Exit Alarm</p> <ul style="list-style-type: none"> To activate, ensure patient is on bed. <ul style="list-style-type: none"> Weigh patient, then add any equipment. Select 'Alarms' tab on touchscreen. Select 'Change' under Bed Exit Alarm. Select 'Out of Bed'. To deactivate select 'Alarms' tab on touch screen. <ul style="list-style-type: none"> Select 'Change' under Bed Exit Alarm. Select 'Off'. | <p>Will notify caregiver when:</p> <ul style="list-style-type: none"> Out of Bed: patient's weight shifts significantly off frame of bed. Exiting: patient moves from centre of bed towards an egress point. Patient Positions: patient moves toward either side rail or away from head section (i.e. sits up). <p>When activated Main Menu will display Bed Exit Alarm under Active Alarms.</p> |
| <p>Head Angle Alarm</p> <ul style="list-style-type: none"> Raise HOB greater than 30 or 45 degrees. Select 'Alarms' tab on touchscreen and select 'Change' under Head Angle Alarm. Select 'On 30°' or 'On 45°'. To deactivate select 'Alarms' tab on touch screen, select "Change" under Head Angle Alarm and select 'Off'. | <p>Can be set to notify caregivers if head of bed (HOB) is lowered less than 30 or 45 degrees.</p> <p>When set an alarm and pop-up message immediately notifies caregivers that head angle is lowered less than 30 or 45 degrees.</p> |
| Expected Outcome | |
| <p>Patient does not develop a pressure injury.</p> <p>Patient's existing pressure injury will heal.</p> <p>Product performs as expected.</p> | <p>If product does not perform as expected notify NSWOC/Wound Clinician and consider submitting a Product Concern form.</p> |
| For further information, please contact: OT, PT, NSWOC/Wound Clinician | |