

TotalCare® Bed System



BETTER CARE BEGINS WITH INNOVATION.



The impact of managed care continues to drive change throughout the entire hospital. All care environments have been particularly impacted as providers are challenged to move an expanding elderly population, with increasing acuity levels, through their systems faster and with improved outcomes.

Developed in conjunction with leading multi-disciplined healthcare professionals, this revolutionary frame and surface system creates value by helping to reduce back-related injuries associated with patient ambulation, repositioning, and transfers. Caregiver productivity is increased with centralized Point-of-Care® bed controls and by the system's ability to provide easier and more frequent patient ambulation.

The TotalCare® Bed System is truly a single-product solution that maximizes human and capital assets.





***Shearless Pivot®
Patient Position Mechanism***

The unique Shearless Pivot® mechanism combines the articulation of the frame, the surface, and the patient in a fashion that minimizes patient migration towards the foot end of the bed. This unique feature enhances caregiver safety and productivity, as well as patient comfort.



FlexAfoot™ Retractable Foot Mechanism

The unique bed frame design allows the caregiver to customize the overall length of the bed in both the bed and chair position. The retracted footboard provides support to the patient's feet, reducing the need for additional foot

support devices. The overall surface can be retracted up to 12" (30.5 cm) which also aids the caregiver during transport (i.e.: small elevators, smaller turning radius).



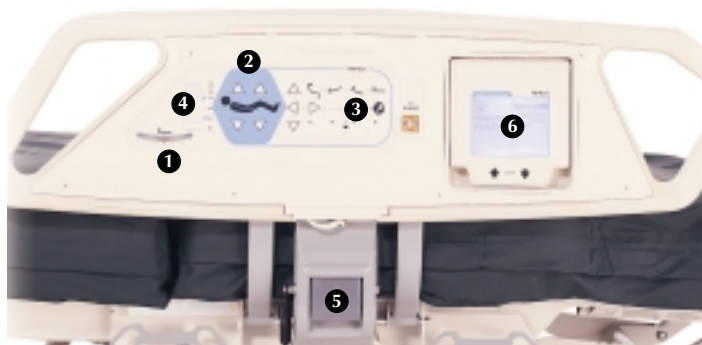
Nightlight

The automatic Nightlight enhances patient safety and security by illuminating the foot fall area around the perimeter of the bed. It also serves as a focal point for the staff when entering a dark room without disturbing the patient. The Nightlight has an adjustable sensor control so it automatically comes on in low-light conditions.



Zero Transfer Gap

The TuckAway siderails articulate with the surface providing a zero transfer gap, making patient transfers easier.



Caregiver Controls

- 1 Line-of-Site® Angle Indicators provide the caregiver with accurate head and Trendelenburg angle articulation.
- 2 Point-of-Care® Siderail Controls are conveniently located on the outside of the intermediate rail.
- 3 Siderail controls can only be activated in conjunction with the system's Enable Command to ensure patient safety.
- 4 Safety & Information Indicator Lights provide the caregiver with visual and audio indication for: Brake Status, Chair Positioning, Bed Power Indicator, Bed Exit Alarm, and Battery Status.
- 5 The OneStep® Siderail Release Mechanism enhances caregiver productivity by tucking automatically upon release with one hand. The design improves line management of the patient by swinging out and away from the mattress instead of moving in an up/down shearing motion parallel to the bed surface.
- 6 Graphical Caregiver Interface (GCI)® Control provides interaction with: Zero Scale, In-Bed Scale, Patient Weight Trending, Custom & Standard Tare Cards, Add & Remove Items, Set Weight, Weight Delay, Bed Exit Alarm, Patient Lighting, and Preset Bed Positioning.

It also has the capacity for future upgrades.

Point-Of-Care® Siderail Controls

Traditionally, caregiver controls have been located in both the outer rail and the foot end of the bed. Research has shown that caregivers walk in excess of 1.5 miles, per shift, around the bed to operate the various electronic and manual controls. As a result, the Point-Of-Care® Siderail Controls consolidate the electronic and manual caregiver interface controls. The controls are centrally located on the siderails of the TotalCare® Bed System.



HandsFree® Emergency CPR Release Mechanism and Trendelenburg Release Mechanism

The HandsFree® CPR release mechanism and Trendelenburg release mechanism dramatically reduce the time required to lower the head section for a CPR procedure or to place the patient into an emergency Trendelenburg position. By simply

depressing or lifting the activation pedal, the bed instantly overrides both the electrical and manual systems and automatically places the bed in the respective position.



Future Upgrade Capability (From Treatment Surface only)

The electrical and mechanical systems are controlled through a sophisticated, and highly-reliable, electronic network. This flexible system allows for the addition of future upgrade modules. These Therapy-on-Demand™ System Modules will automatically download to the Graphical Caregiver Interface (GCI)® Control which will then display all interface options.

The system's Therapy-on-Demand™ Upgrade Manifold is located under the head section of the bed for easy caregiver access. The Therapy-on-Demand™ modules will reduce therapy lag time, maximize capital asset management and enhance the safety of both the patient and caregiver by minimizing patient transfers.



Optional transport shelf/charting table

Conveniently located in the footboard, this dual-function feature can be used as a monitor shelf during patient transport or as a work surface when charting or caring for a patient.



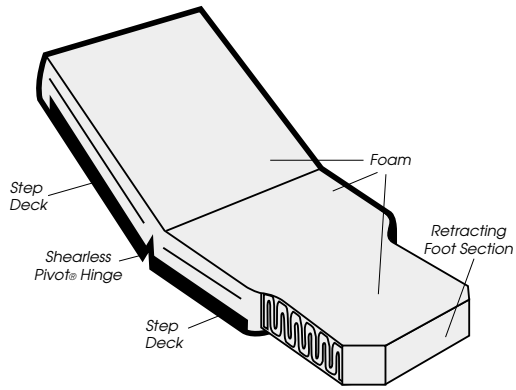
Dual-Functioning Manual and Electronic Patient and Caregiver Controls

Manual controls provide efficient and reliable positioning whenever an electrical source is unavailable. Standardization of one set of controls for both electric and manual activation eliminates confusion and enhances caregiver productivity and patient safety. All functions can be activated manually by simply selecting a control function and pumping the manual-control pump located at both sides of the bed.



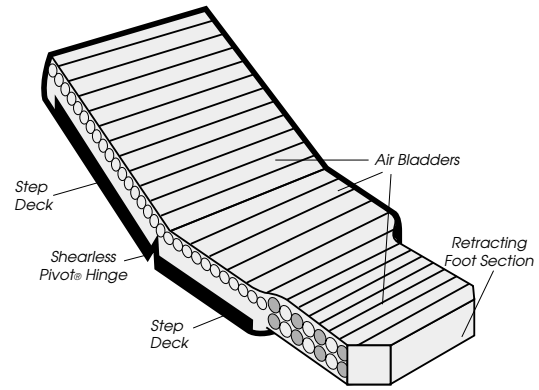
Patient Controls

The system has enhanced the patient control interface by moving the controls to the lower intermediate rail. As a result, patient access is easier, ergonomically correct and more visible, resulting in improved patient comfort and satisfaction.



Short Stay Surface

The Short Stay mattress is an all-foam, modular, three-layered viscoelastic core with perimeter-foam-side bolsters, nylon slip-sheet foot section and knitted, acrylic and fiberglass fire barrier. Especially designed for the TotalCare® System’s step deck, Shearless Pivot® Mechanism and FlexAfoot™ retractable foot mechanism frame design, the Short Stay Surface provides significant patient pressure reduction.

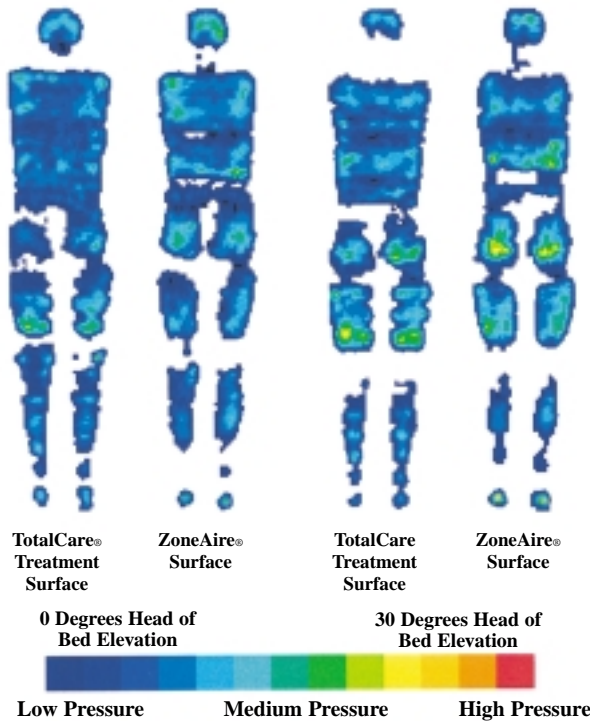


Treatment Surface

The Treatment Surface is a full-body zoned air surface, with perimeter-foam-side bolsters and nylon slip-sheet foot section and knitted acrylic and fiberglass fire barrier. When in the standard mode, the Treatment Surface provides full-body pressure-relieving distribution. Full-body pressure-relieving distribution is continuously active when the heel suspension mode is activated, additional pressure relief is provided to the heel section.

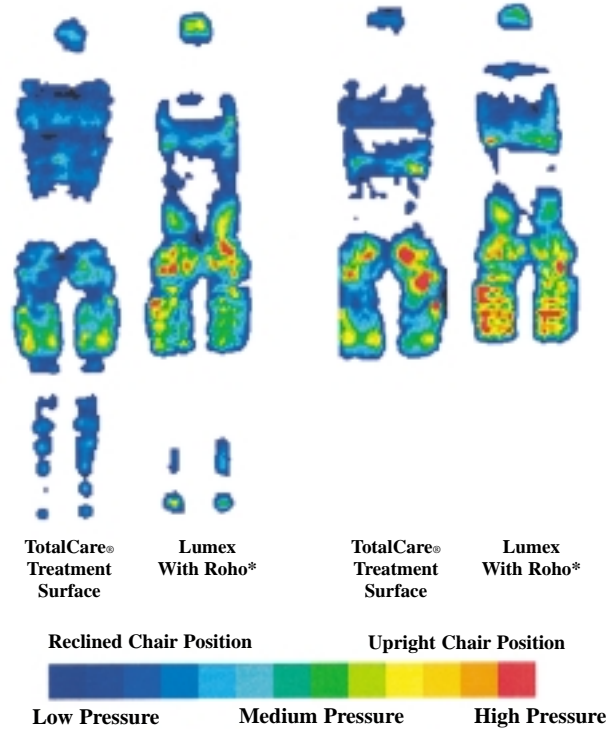
INTERFACE PRESSURE COMPARISONS

BED POSITIONING



** All images are of the 95th Percentile Mannequin
95th Percentile is 6'0", 213 lb., male.

CHAIR POSITIONING



* Roho High Profile Seat Cushion Overlay

** All images are of the 95th Percentile Mannequin
95th Percentile is 6'0", 213 lb., male.

NOTE: These images were selected from a larger sample of subjects used to statistically validate product performance and should not be used alone to judge performance or select therapy for any particular patient.

- 1 Line-of-Site® Angle Indicators
- 2 FullChair® One-Button Chair Positioning Mechanism
- 3 12 Amp Accessory Outlet
- 4 Graphical Caregiver Interface (GCI)® Control
- 5 Manual Foot Pedal Hydraulics
- 6 HandsFree® Emergency CPR & Trendelburg Release Mechanism
- 7 Drainage Bag Holders (Both Sides, Off Weigh Frame)
- 8 Point-of-Care® Brake and Steer System
- 9 Safety & Information Indicator Panel
- 10 WallGuard® Bumper System
- 11 Permanent IV Poles (Both Sides)
- 12 Transport Handles
- 13 Removable Headboard For CPR Support
- 14 OneStep™ Siderail Release Mechanism
- 15 Speaker
- 16 Patient Controls

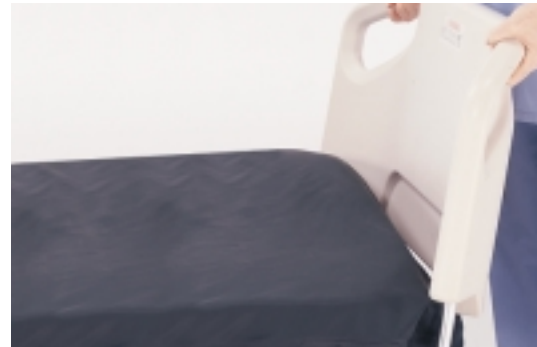


FullChair® Patient position Mechanism

The system's unique one-button chair positioning raises the patient's head up to 75° while lowering the foot up to 70°. One caregiver has the ability to place functionally-immobile patients into a position that will adhere to physician up-in-chair orders. As a result, the caregiver has the ability to easily place patients into a true chair position earlier and more frequently in the patient's critical pathway.

Removable Footboard

The Footboard has been designed with positive gripping handles to allow easy removal and to enhance the mobility of the bed during transport.



FullChair® Mechanism for Patient Egress Position

By removing the footboard, and lowering the foot section to 90°, caregivers can egress patients out the foot end of the bed. Patients will be able to achieve their functional mobility sooner in their care process with minimal risk of injury to themselves and/or caregivers.



Mattress

Sleeping Surface: 35" x 84"
(89 cm x 213.4 cm)

Width

Siderails up: 40" (101.6 cm)
Siderails down: 36" (91.4 cm)

Length

Without bumpers: 92" (233.7 cm)
With bumpers: 93.5" (237.5 cm)

Foot Retraction

12" (30.5 cm)

Electrical Leakage

Bed frame with air system: 50 µA

Radiolucent Window

23"L x 22"W (58.4 cm x 55.9 cm)

Height of Siderail

Above mattress: 10" (25.4 cm)
Above deck: 15" (38.1 cm)

Chair Positioning

Chair Position:
50° - 65° Head
0 - 10° Seat
30° - 70° Foot

Chair Egress Position:

65° - 75° Head
0 - 10° Seat
70° - 85° Foot

Bed Articulation

Trendelenburg / Reverse
Trendelenburg: 15°/15°
Emergency Trendelenburg:
Head Section: 75°
Knee: 20°
Automatic Contour: 10°

Caster Size

5" (12.7 cm)
1" extended "stem" (2.54 cm) available

Height

Height from floor to top of deck in
low position: 17.5" (44.5 cm)
Height from floor to top of deck in
high position: 36.5" (92.7 cm)

Wheelbase

42" (106.7 cm)

Wheeltrack

26" Head (65.4 cm)
23.5" Foot (59.7 cm)

Underbed Clearance

.75" (12.1 cm)

Scale

Accuracy: 1% of patient weight
Repeatability: +/- .3% 70.5 to 175 lbs.
(32.0 to 79.4 kg)
+/- .1% 175 to 400 lbs.
(79.4 to 181.4 kg)

Weighing Capacity:

400 lbs. (181.4 kg)

Maximum Working Load:

500 lbs. (226.8 kg)

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CLASSIFIED BY UNDERWRITERS LABORATORIES INC.
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MECHANICAL AND OTHER SPECIFIED HAZARDS
ONLY IN ACCORDANCE WITH UL2601-1,
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