The difference between “Upright FullChair positioning” and “cardiac chair”?

TotalCare FullChair

"Up-in-Chair": The Clinical Benefits

Why place patients fully “up-in-chair”, not just in “cardiac chair” or Semi-Fowlers?

- Enhanced respiratory efficiency—pulmonary mechanics are optimized and oxygenation and gas exchange are improved.2,3
- Reduced atelectasis.3
- Improved patient psychology and physical conditioning.1
- Improved ADL.1

Benefits of the TotalCare bed’s FullChair Position

Only the TotalCare® bed offers the FullChair® position that is a standard part of a patient care plan. The TotalCare bed’s FullChair positioning meets the “full bed chair” recommendations in the Progressive Mobility Guidelines for Critically Ill Patients.4 (HOB elevated to greater than 65° with legs in full dependent position.)

These facilities have reported the following positive outcomes with the TotalCare bed’s upright FullChair position:

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Facility</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time from extubation to activity reduced 38%6</td>
<td>Emory Hospital</td>
<td></td>
</tr>
<tr>
<td>Significant reduction in pain associated with activity6</td>
<td>Snellville, Georgia</td>
<td></td>
</tr>
<tr>
<td>Improved pulmonary mechanics and gas exchange with elderly patients7</td>
<td>University of Cincinnati Hospital</td>
<td></td>
</tr>
<tr>
<td>Improved pulmonary mechanics, lung volume, and gas exchange with obese patients7</td>
<td>Cincinnati, Ohio</td>
<td></td>
</tr>
</tbody>
</table>

References


93 percent of physicians surveyed prefer the TotalCare® bed FullChair® position.1

Which position best optimizes pulmonary efficiency?

Cardiac Chair

Full Chair
The difference between built-in protection and risk?

TotalCare Safety

Integrated Surface and Frame: The Benefits
What happens when: 1) a bed system is built from the ground up for safety? 2) every element is integrated to protect patients and caregivers?

- **One-button protection.** Because the frame and surface work together, FullChair® positioning is possible with just the touch of a button—no strain on the caregiver’s back or pulling on the patient.
- **Compact controls.** TotalCare® bed controls are embedded in the siderail, out of the way, minimizing patient access or damage during transport.
- **Safer rotation therapy.** Therapy stops and an alarm sounds when any siderail is lowered.
- **One-step CPR.** CPR mode is initiated in a single, hands-free step that flattens the deck then firms up the surface.
- **Head of Bed (HOB) Angle Alarm.** An alarm sounds when HOB drops below 30 degrees.

What is the cost of a single occupational back injury?
Here’s what government agencies and others are saying:

<table>
<thead>
<tr>
<th>Cost Description</th>
<th>Cost</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25,000</td>
<td></td>
<td>California OSHA</td>
</tr>
<tr>
<td>$15,000 - $18,000, up to $30,000</td>
<td></td>
<td>Ohio Bureau of Workers’ Compensation</td>
</tr>
<tr>
<td>$11,321</td>
<td></td>
<td>National Safety Council</td>
</tr>
<tr>
<td>$40,000 - $100,000</td>
<td></td>
<td><a href="http://www.allnurses.com">www.allnurses.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Task</th>
<th>Number of Injuries</th>
<th>Percent of Injuries occurring during each task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repositioning in Bed</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Between Bed &amp; Chair</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Between Bed &amp; Stretcher</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>During Ambulation</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Toileting</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Pushing beds</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

References

81 percent reduction in lost workdays after installing TotalCare® beds house-wide.

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The difference between productivity and inefficiency?

TotalCare Time

How are TotalCare beds better than standard beds in improving caregiver efficiency?
By making “up-in-chair” an easy, one-person activity.

TotalCare Bed Efficiency: The Time Benefits.1

- An 84 percent reduction in time required to place a patient “up-in-chair”.
- A 45 percent reduction in the number of caregivers required for the task.
- Patients are 48.5 percent more likely to be placed “up-in-chair” with the TotalCare bed.

How inefficient are standard ICU beds for patient mobilization?

- Several caregivers are needed to get the patient “up-in-chair”.
- Since multiple caregivers are needed to perform necessary tasks, caregivers spend valuable time looking for help.
- The caregiver shortage has decreased the time a caregiver has to provide care to a patient.
- With larger patients, more time and resources are required to perform the task.

92 percent of the time, only one caregiver was required for chair positioning with TotalCare bed.1

References
The difference between positive and poor outcomes?

TotalCare Therapy

Why use the TotalCare SpO2RT® Plus system for your patients instead of a standard bed?

Because it can lead to better clinical outcomes.

Reported positive pulmonary outcomes

Multiple clinical studies have shown the benefits of continuous lateral rotation therapy (CLRT) and percussion-and-vibration therapy, as provided by Hill-Rom's pulmonary therapy systems.

These reported results compare patients who received Hill-Rom CLRT with those who did not receive CLRT:

- Hospital length of stay (LOS) reduced by 6.7 days
- Critical care LOS reduced by 5.6 days
- Total hospital costs reduced by $15,150 per patient
- 52% reduction in incidence of pneumonia
- 27% reduction in ICU LOS
- 18% reduction in hospital LOS
- 22% reduction in CCU LOS
- 28% reduction in ventilator days
- 34% reduction in incidence of pneumonia
- 17% reduction in days of pneumonia delayed by an average of 17 days
- 14% reduction in ventilator days
- 14% reduction in hospital LOS
- 20% decrease in standard mortality rate
- 22% reduction in CCU LOS
- 26% reduction in ventilator days
- 34% reduction in incidence of pneumonia
- Onset of pneumonia delayed by an average of 17 days
- 14% reduction in ventilator days
- 14% reduction in hospital LOS
- 20% decrease in standard mortality rate
- Increased sputum production with CLRT and percussion-and-vibration

Facility

Medical Center of Central Macon, Georgia

Hill-Rom

Stanford University Medical Center

Stanford, California

Union Hospital

New Jersey

St. Vincent Catholic Medical Center

New York, New York

Sarasota Memorial Health Care System

Sarasota, Florida

University of Cincinnati Hospital

Cincinnati, Ohio

Holmes Regional Medical Center

Melbourne, Florida

WellStar Cobb Hospital

Marietta, Georgia

WellStar Kennestone Hospital

Marietta, Georgia

References


Positive pressure ulcer prevalence results

Outcome

TotalCare SpO2RT system:
- Significant reduction in facility-acquired pressure ulcers in the ICU.
- Pressure ulcer rates well below the national average.

Facility

Hill-Rom

TotalCare treatment surface:
- 90 percent improvement in overall pressure ulcer prevalence rate.
- 89 percent improvement in nosocomial pressure ulcer prevalence rate.
- $1.4 million savings in associated nosocomial pressure ulcer treatment costs.

Facility

WellStar Cobb Hospital

Austell, Georgia

WellStar Kennestone Hospital

Marietta, Georgia


Reference

What are the elements that Hill-Rom has to help lead your clinicians to outstanding clinical outcomes?

You need great products—intelligent, well-designed, clinically effective. They should function at the highest level and still be easy to use. They should keep patients and caregivers safe from injury. They should help caregivers work smarter and better. At Hill-Rom, we offer that.

But that isn’t enough.

You need clinical support provided by trained specialists. That’s where Hill-Rom truly shines. We offer:

- Proven protocols that have been perfected by health care professionals.
- Proven processes that have improved clinical outcomes.
- Proven people, with over 200 clinicians on staff including Account Clinical Directors and a national team of Pulmonary Outcomes Specialists.
- Proven tools to help you educate, establish protocols, drive compliance, and measure results, including:
  - CE programs to educate your staff.
  - Educational seminars with nationally known speakers.
  - Protocol development sessions to help customize processes for your unit.
  - Risk assessment tools such as Pulmonary Predicus™ Risk Tool.
  - Pulmonary outcomes measurement tools.

Only Hill-Rom offers this unbeatable combination of products, protocols, and people.

That’s the Hill-Rom difference.