



MEDLINE PRESENTS

Take a look at **CLEAN.**

Re-engineered For Healthcare
Ask Your Medline Representative about
The Trinity Bed Protection System.



Launderable Bed Protection Trinity Bed Protection System™



The Trinity Bed Protection System isolates and protects the mattress and bed deck.

The Trinity Bed Protection System™



ENGINEERED
Patent-pending design built specifically for healthcare.

CLEAN
Machine launderable, polyurethane cover removes 99% of bacteria.

CONTROL
Sustainable cleaning process yielding a consistent clean every time.

Trinity Guardian™ is the result of an international collaboration of scientists, doctors, academic professionals laundries and laundry chemical vendors in the healthcare industry, united in the concern that hospital beds are unclean.

Realizing that current cleaning protocols of hospital beds are incapable of consistently producing a level of cleanliness that is expected by healthcare providers; Trinity Guardian created **The Trinity Bed Protection System**, a launderable bed cover designed to make bed surfaces cleaner for every person every time.

The Trinity Bed Protection System was developed around these key considerations:

- Even with proper disinfection and terminal cleaning of hospital beds, microorganisms can still reside on the mattress and the bed deck after using standard hospital germicides.
- The most-effective process for healthcare facilities to ensure a clean bed is to remove and launder the bed cover to CDC healthcare laundry guidelines after each discharge
- Trinity Guardian bed covers are cleaned using a proprietary laundry process consistent with CDC guidelines.
- Trinity Guardian research shows that the combination of mechanical action, dilution, heat and chlorine provided by our laundry process achieves a LOG REDUCTION on the Trinity Bed Protection System.

Conclusion: Laundered bed covers achieve a higher reduction in microorganisms than current hospital protocols for cleaning beds.

www.**TRINITYGUARDION**.com



The Trinity Guardian Bed Protection System has not been shown to correlate with a reduction in infections in patients or caregivers. Clinical studies to evaluate reduction in infection have not yet been performed.

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The Trinity Bed Protection System™

engineered

More Than A Mattress Cover

Engineered to encompass both the mattress and the bed deck, each unique cover design fits a specific hospital bed model to ensure proper bed functionality without affecting patient comfort. We offer designs for most leading hospital bed brands, and have conducted numerous studies on sliding forces key to caregiver safety. This research revealed that the laundry process does not adversely affect these sliding forces, and in several cases, the sliding force is actually improved as compared to the manufacturer's specifications.

Protective Construction

Welded seams create an impenetrable barrier that protects the underlying mattress and bed deck from fluid or bio matter contamination.

Flexibility and Patient Comfort

The comfort properties of the cover are very similar to other healthcare mattresses. The cover is generally average or above average in tests of flexibility, surface friction and moisture vapor transmission (important to dissipation of sweat and other fluids).

Repairable

A patch kit is available for the laundry to make repairs in the field to the cover in the event a caregiver should puncture a cover.

clean

Laundering versus Terminal Cleaning

Terminal cleaning (wiping down with disinfectant) can only produce a "surface clean" result.

- Polyurethane covers have uneven surfaces ranging 2-10 microns in depth where bacteria can be trapped.
- The manufacturing process for polyurethane covers occasionally produces small "pockets" in finished mattress covers – another safe harbor for bacteria.
- Over time germicides can dry out the polyurethane and create surface cracks
- Nylon mattress surfaces are woven and bio burden can accumulate in the weave.

Rust can develop as a result of residual germicides that have not been allowed to air dry and become trapped between the mattress and bed deck. Beds with rust in many cities will result in a citation to the hospital by the local health inspectors. Hospitals using the Trinity Guardian Bed Protection System can alter their cleaning of bed decks and reducing the risk of rust accumulating on the bed deck.

Trinity Guardian studies have shown that laundering to CDC standards produces a Log 4 reduction in bio-burden on the Trinity Bed Protection System.

The proprietary Trinity Guardian laundry process delivers the combination of water (dilution), heat, friction and cleaning agents necessary to kill most microorganisms. Our proprietary Trinity Guardian laundry process includes multiple dilution cycles, bleach and heat sufficient to eliminate most microorganisms, and the high heat drying process assists in killing off any residual bacteria.

Bed Bugs

A recent phenomenon in hospitals is the arrival of bed bugs. The proprietary Trinity Guardian laundry process kills bed bugs and their eggs that might remain on the cover after patient discharge.

Visible Clean

Blood and betadine will not stain the Trinity Bed Protection System. This means that in addition to delivering a cleaner surface for the patient, the Trinity Bed Protection System improves the appearance of the bed, which promotes positive facility perceptions and patient satisfaction.

control

Patient, Staff, Caregiver Protection

Terminal cleaning of mattresses can leave residual germicides on the surface – exposing patients and caregivers to harsh chemicals. Use of the Trinity Bed Protection System reduces patient and caregiver exposure to residual germicides on the bed surface after terminal cleaning. In addition, the system does not impact friction properties of the mattress, to promote ease of patient repositioning.

KEY FEATURES

A	Encapsulates deck and mattress to reduce bio-burden reaching deck
B	Critical bed components are exposed
C	Pockets protects bed linens from bio-burden on bed deck
D	Attachment devices positioned to allow deck to expand and bed to articulate
E	Welded seams prevent fluids from reaching mattress
F	Clips keep cover in place during articulation and patient transition



A Green Advantage
Enables organizations to fight microorganisms and return patient rooms to a state of renewed cleanliness without exposing the patient to residual, potentially harmful chemicals.