

Path-O-Cap™

Medical Cap for Hospital Beds, Gurneys and Mattresses

PROTECT • PREVENT • PRESERVE



Path-O-Cap™ is a patent pending unique, disposable single use “CAP” developed in response to the need to reduce hospital acquired infections and the spread of potentially harmful pathogens and bacteria

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Contamination of high-touch surfaces such as mattresses, beds and bed rails can be reservoirs of pathogens, and they can play a role in the transmission of potentially harmful pathogens to patients and staff in the healthcare setting.

ECRI has recognized the risk of cross-contamination through mattresses as their #2 technology hazard for 2019. Their recommendation is that healthcare facilities use appropriate products and procedures to ensure clean and disinfected mattress covers.

Path-O-Cap™ assists healthcare workers to demonstrate proof of environmental cleaning compliance and to immediately identify clean or soiled beds, mattresses and gurneys.

Features and Benefits

- Protects the environment from the airborne pathogens related to soiled, contaminated beds and surfaces as they are moved throughout the facility
- Helps to ensure a cleaned mattress, bed frame or gurney remain as clean as possible and is ready for use
- Cover acts as a deterrent for unoccupied beds in patient rooms- ensuring that no one sits on or places items on a clean bed or mattress
- Allows healthcare staff to quickly identify clean vs. soiled beds
- Protects beds, mattresses and gurneys from dust and debris while in storage
- Available in three colors: green, red and clear
 - Green for CLEAN
 - Red for SOILED
 - Clear for UNCERTAIN
- Quick and easy – applied in seconds
- Disposable, single use
- Patent pending



ECRI Top 10 Technology Hazard: “Clean” Mattresses Can Ooze Body Fluids onto Patients

All the items on the ECRI list represent problems that can be avoided or risks that can be minimized through the careful management of technologies. With the additional content provided in the full report, the list serves as a tool that healthcare facilities can use to efficiently and effectively manage the risks.¹

To learn more about how ECRI selects these hazards, please visit:
<https://www.ecri.org/top-ten-tech-hazards>

How Path-O-Cap and Path-O-Wrap Can Help

ECRI	MedFire
<p>Blood and other body fluids that remain on, or within, mattresses or mattress covers after cleaning can contact subsequent patients, posing an infection risk. Reported incidents include patients lying on an apparently clean bed or stretcher when blood from a previous patient oozed out of the surface onto the patient.</p>	<p>Path-O-Wrap provides a two way barrier between the mattress surface and the patient.</p> <p>Path-O-Cap ensures the bed (frame and mattress) remains clean for the next patient.</p>
<p>Mattress covers are intended to prevent body fluids and other contaminants from getting into mattresses. If a cover is not cleaned / disinfected effectively, or if its integrity is compromised in a way that allows the mattress underneath to become contaminated, subsequent patients could be exposed to infectious materials.</p>	<p>Path-O-Cap allows facilities to quickly identify mattresses that have been cleaned and disinfected and can prevent possible environmental contamination by covering the surface and preventing airborne contaminants and preventing patients or visitors from sitting on a clean mattress.</p>
<p>Healthcare facilities must take care to use appropriate products and procedures for cleaning and disinfecting mattress covers, and they should regularly inspect mattresses and covers for signs of damage or contamination.</p>	<p>Path-O-Wrap provides a thin barrier over the mattress, thus allowing a facility to use cleaning agents that will not directly affect the surface of the mattress</p>
<p>Not all mattress cover suppliers recommend products and procedures that will successfully remove the likely surface contaminants without compromising the cover’s integrity (i.e., creating weak spots that could allow leaks). This situation needs to be remedied.</p>	<p>Products required to effectively remove surface contaminants can be used on the Path-O-Wrap without harming it. In addition, application of Path-O-Wrap will help to reduce the down time between mattress cleaning and patient use.</p>

FDA Guidelines: Keeping Patients Safe from Contaminated Mattresses

Hospital bed mattress covers provide outer protection to mattresses used on hospital beds. Worn or damaged covers can let fluids inside the mattress and pose a risk of infection to patients who may come in contact with a contaminated mattress. The FDA recommends facilities:

- Develop an inspection plan for all beds and mattresses and follow manufacturers guidelines and recommendations
- Regularly inspect mattress covers for any signs of damage and routinely check the inside of the mattress for damage.
- Remove and replace any damaged, worn or visibly stained mattress; immediately replace any cover with visible signs of damage
- Maintain: clean and disinfect undamaged mattress covers per manufacturers guidelines and do not stick needles into a mattress or through a cover

About MedFire

MedFire Innovations is a medical device developer and manufacturer of products designed to improve patient and caregiver safety. Our flagship product, Path-O-Wrap®, is an inexpensive and innovative barrier product that is ASTM tested, and protects patient and caregivers by reducing the risk of cross contamination while protecting and extending the life of the surfaces. The device can be cleaned and reused, or discarded after a single high-risk event. For more information, visit MedFire.com.



2425 Camino Del Rio South, Suite 125,
San Diego, CA 92108
(888) 560-1140
POCinfo@MedFire.com