

CASE STUDY

Advantex® Floor Mopping Solution vs Laundered Mops

Dallas Area Hospital System (434 beds) IDN

BACKGROUND

In 2024, a Dallas-area Community Hospital System had the opportunity to improve the efficiency and effectiveness of floor cleaning by switching from laundered flat mops to disposable, single-use microfiber flat mops.

After product trials of the two leading brands of disposable flat mops, they teamed with Geerpres for their health system to improve cleaning performance and lower expenses.

Many hospitals are switching to single-use microfiber mops and wipes to reduce the risk of HAIs from floor surfaces. These mops use virgin microfiber in each patient room, eliminating the risk of cross-contamination, efficacy degradation due to structural microfiber breakdown, and retention of pathogens in a mop due to inadequate laundering processes.

After demoing the leading brands of microfiber flat mops, Advantex® is clearly the all-around superior product. It simply cleans better.

~ Director of Environmental Services

THE CHALLENGE

In 2023, a hospital system conducted a deep inspection of rooms after patient discharge cleaning and found HAI pathogens, including Clostridium difficile (C. diff), in 44% of cleaned rooms. The hospital system switched to disposable microfiber mops to help eliminate cross-contamination risks from freshly laundered mops. Most hospital EVS teams also experience frequent inventory shortages and excessive loss/replacement charges resulting from outsourced laundering.

THE SOLUTION

The Hospital System transitioned from laundered mops to the **Advantex® Healthcare Floor Solution** (Advantex® Single-use Microfiber Mops, Advantex® Mop Frame, and Telescoping Aluminum Handle System). The data presented in this case study was collected in 2024 and compared with data from 2021-2023.



ADVANTEX® SINGLE-USE MICROFIBER MOP

Best-in-class, Advantex® Single-Use Mops deliver the most solution (non-quat binding) and covers an entire patient room. Microfiber locks and lifts bioburden, dirt and contaminants away for efficient and effective cleaning. Get more floor coverage with solution and use fewer mops. Non-linting, USP 797 compliant. Patent #11045063

ADVANTEX® MOP FRAME

The 16" Advantex Mop Frame utilizes micro hook and loop fastening to avoid lint accumulation. Unique quick connector swivels 360° for an efficient figure eight motion and flips up for easy cleaning of baseboards.

TELESCOPING ALUMINUM HANDLE

Telescoping aluminum handle for reaching high places. The handle extends from 52" – 92". Both mopping and high duster attachments with quick connect are available to create a multi-purpose tool.

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Our hospital floors are cleaner, and our EVS team is more efficient, with fewer trips to manage mop supply and charge buckets. The transition to the Advantex® Floor Solution was smooth, and we are very pleased with the experience working with Geerpres®. The bottom line is that they helped us lower operating costs and reduce HAIs.



~ Director of Environmental Services, Dallas Area Hospital System

PATIENT ROOM FLOOR CHALLENGE

First, the EVS team cleaned a patient room with a laundered mop system and let the floor air dry. Then, again, clean the same patient room floor with an Advantex® single-use microfiber mop system. The Dallas hospital system was astounded by the Challenge results! The Advantex® microfiber mop was visibly filthy and provided undisputable evidence that Advantex® Mops vastly outperformed laundered mops. Advantex® mops deliver the most solution per single-use mop to achieve coverage for an entire patient room (up to 250 sq. ft. per mop), and combined with the Advantex® frame, provides even cleaning coverage over the entire floor surface.



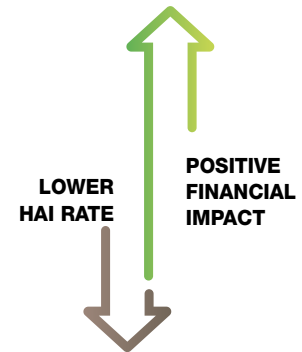
IMPROVED ENVIRONMENTAL IMPACT

By converting to the Advantex® Healthcare Floor Solution, “we have reduced our environmental footprint. We have significantly lower environmental impact by having substantially less water wasted. The EPA TRACI model analysis on the global warming potential also indicates less environmental adverse implications as compared to laundering mops”.



FINANCIAL IMPACT

Converting to the Advantex® Healthcare Floor Solution and eliminating mop laundry services was budget-neutral. However, by reducing floor pathogens, the hospital system lowered the occurrence of HAIs. This hospital system reported that the average HAI cost was over \$45,000 per incident. The estimated reduction in HAIs has had a significant positive financial impact on the hospital system.



SUMMARY & RESULTS

“The new Advantex® Floor Solution resulted in cleaner floors and improved labor efficiency with lower HAI contamination detected. Patient room floors were 80% cleaner than when using laundered mops”.

